DIARY
1872.

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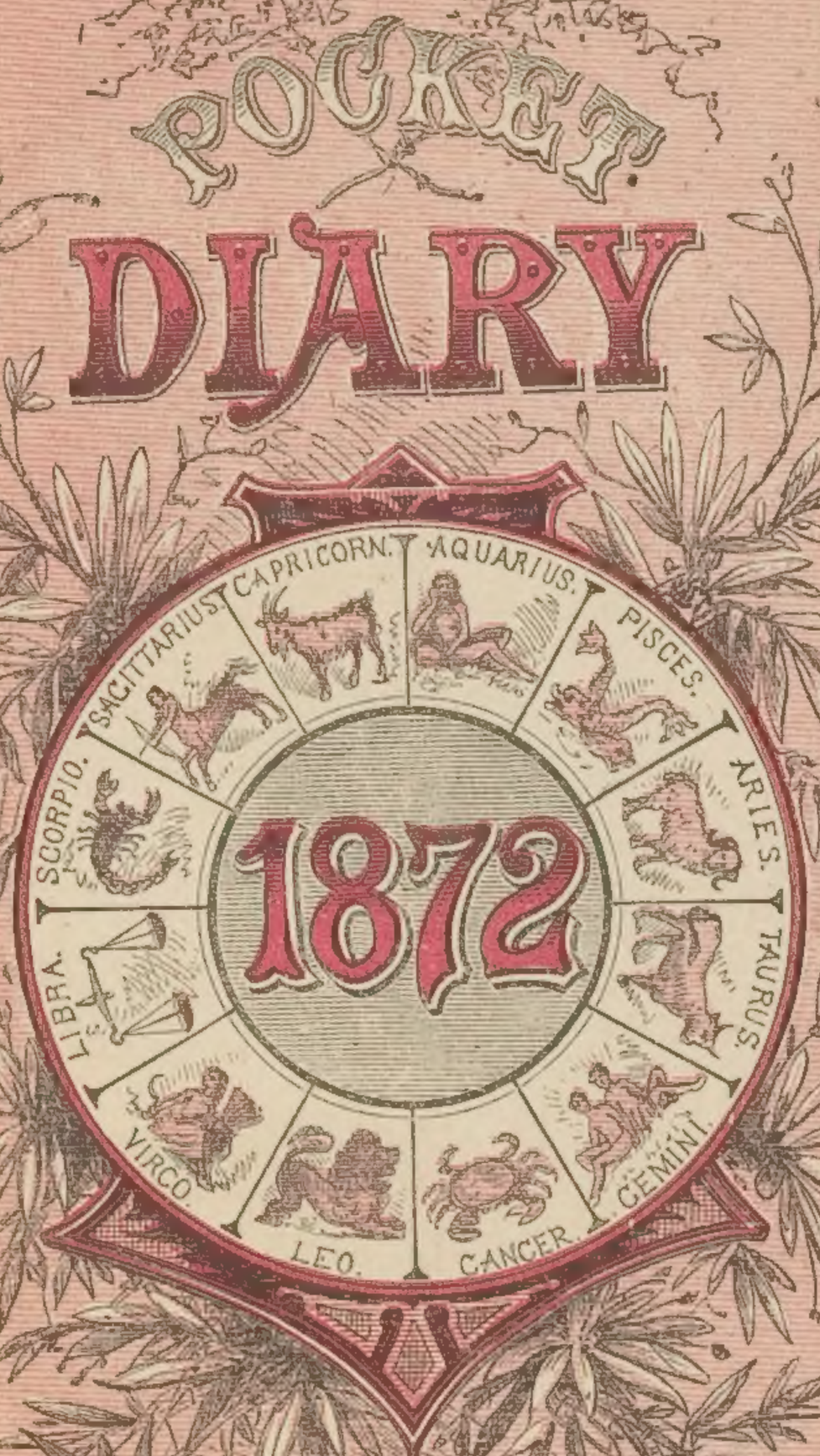
255.

Wm Brewster

POCKET DIARY



PUBLISHED

FOR

THE TRADE.

Calendar.

1872.

JANUARY.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
..	..	..	..	..	..	..
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

FEBRUARY.

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4	5	6	7	8	9	10
11	12	13	14	15	16	17
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MARCH.

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31	..	..	..	..	..	..

APRIL.

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MAY.

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JUNE.

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JULY.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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21	22	23	24	25	26	27
28	29	30	31	..	..	..

AUGUST.

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER.

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22	23	24	25	26	27	28
29	30	..	..	..	..	..

OCTOBER.

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27	28	29	30	31	..	..

NOVEMBER.

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DECEMBER.

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22	23	24	25	26	27	28
29	30	31	..	..	..	..

DIFFERENCE OF TIME.

The annexed table exhibits the Difference of Time between that of BOSTON, and the places therein named:

SLOW OF BOSTON.	H	M	S
Albany, N. Y.		10	44
Augusta, Ga.		43	22
Baltimore, Md.		22	12
Buffalo, N. Y.		31	26
Cairo, Ill.	1	10	0
Charleston, S. C.		35	28
Chicago, Ill.	1	5	48
Cincinnati, O.		53	34
Cleveland, O.		42	0
Detroit, Mich.		47	56
Galveston, Tex.	1	34	52
Honolulu, S. I.	5	48	42
Indianapolis, Ind.	1	0	6
Louisville, Ky.		57	46
Memphis, Tenn.	1	17	0
Middletown, Ct.		6	22
Milwaukee, Wis.	1	7	34
Mobile, Ala.	1	8	0
Montreal, C. E.		10	6
Natchez, Miss.	1	22	24
New Orleans, La.	1	16	0
Newport, R. I.		1	0
New York, N. Y.		11	50
Niagara Falls, N. Y.		32	0
Norfolk, Va		21	1
Philadelphia, Pa.		16	25
Pikes Peak	2	16	0
Providence, R. I.		1	25
Quebec, C. E.			50
Richmond, Va.		25	35
San Francisco, Cal.	3	25	31
Savannah, Ga.		40	18
Springfield, Mass.		6	30
St. Louis, Mo.	1	16	46
St. Paul, Min.	1	28	5
Tallahassee, Fla		54	10
Washington, D. C.		24	7
Worcester, Mass.		3	0

FAST OF BOSTON.	H	M	S
Augusta, Me.		4	54
Bangor, Me.		9	6
Berlin, Prus.	5	37	49
Calcutta, India.	10	10	8
Cape of Good Hope.	6	7	2
Charlottet'n, P. E. I.		31	20
Constantinople.	6	40	30
Dover, N. H.			38
Dublin, Ireland.	4	18	52
Eastport, Me.		16	30
Edinburgh, Scotl'd.	4	34	30
Fredericton, N. B.		17	14
Geneva, Switz.	5	8	50
Gibraltar, Spain.	4	22	50
Gloucester, Mass.		1	35
Greenwich, Eng.	4	44	14
Halifax, N. S.		29	47
Hallowell, Me.		4	54
Hamburg, Ger	5	24	8
Hull, Mass.			24
Liverpool, Eng.	4	32	13
London, Eng.	4	43	50
Lynn, Mass.			32
Mecca, Arabia.	7	24	12
Nantucket, Mass.		3	52
New Bedford, Mass.			32
Newburyport, Mass.			46
Paris, France.	4	53	35
Portland, Me.		3	16
Portsmouth, N. H.		1	11
Provincetown, Mass.		4	2
Rome, Italy.	5	34	8
Salem, Mass.			40
Singapore, E. I.	11	32	12
St. Johns, N. F.	1	12	30
St. Petersburg.	6	45	28
Stockholm, Sw'n.	5	46	28
Vienna, Austria.	5	49	46

When it is 12 o'clock, noon, at NEW YORK CITY, it will be morning at all places west of New York, and afternoon at all places east, as shown in the following table:

WEST OF NEW YORK.	H	M	S
Auburn, N. Y.	11	50	12
Augusta, Ga.	11	28	28
Baltimore, Md.	11	49	38
Buffalo, N. Y.	11	40	24
Charleston, S. C.	11	36	22
Chicago, Ill.	11	6	2
Cincinnati, O.	11	18	16
Columbus, O.	11	23	52
Dayton, O.	11	19	20
Detroit, Mich.	11	23	54
Geneva, N. Y.	11	47	53
Harrisburg, Pa.	11	48	44
Honolulu, S. I.	6	24	8
Indianapolis, Ind.	11	11	44
Jefferson, Mo.	10	47	32
Key West, Fla.	11	28	54
Knoxville, Tenn.	11	20	28
Little Rock, Ark.	10	47	16
Louisville, Ky.	11	14	4
Milledgeville, Ga.	11	22	45
Milwaukee, Wis.	11	4	16
Mobile, Ala.	11	0	2
Monterey, Cal.	8	48	35
Nashville, Tenn.	11	8	48
Natchez, Miss.	10	50	26
Newark, N. J.	11	59	24
Newbern, N. C.	11	47	44
New Orleans, La.	10	56	4
Norfolk, Va.	11	50	49
Petersburg, Va.	11	46	44
Philadelphia, Pa.	11	55	25
Pittsburg, Pa.	11	35	56
Raleigh, N. C.	11	40	52
Richmond, Va.	11	46	15
Rochester, N. Y.	11	44	40
Sacramento, Cal.	8	56	4
St. Augustine, Fla.	11	29	44
St. Louis, Mo.	10	55	4

WEST OF NEW YORK.	H	M	S
St. Paul, Min.	10	43	45
San Francisco, Cal.	8	46	19
Savannah, Ga.	11	31	32
Springfield, Ill.	10	57	52
Tallahassee, Fla.	11	17	40
Toronto, C. W.	11	38	38
Trenton, N. J.	11	57	28
Utica, N. Y.	11	55	12
Washington, D. C.	11	47	53
Wilmington, Del.	11	54	12
Yorktown, Va.	11	49	48

EAST OF NEW YORK.	H	M	S
Albany, N. Y.	0	1	6
Augusta, Me.	0	16	44
Bangor, Me.	0	20	56
Berlin, Prus.	5	49	33
Boston, Mass.	0	11	56
Constantinople	6	52	0
Dublin, Ireland.	4	30	42
Edinburgh	4	43	21
Fredericton, N. B.	0	29	4
Halifax, N. S.	0	41	38
Hamburg, Ger.	5	35	58
Hartford, Ct.	0	5	21
London, Eng.	4	55	41
Lowell, Mass.	0	10	48
Middletown, Ct.	0	5	28
Montreal, C. E.	0	1	44
New Haven, Ct.	0	4	23
Paris, France.	5	5	26
Portland, Me.	0	15	10
Providence, R. I.	0	10	25
Quebec, C. E.	0	11	0
Rome, Italy.	5	45	59
St. Petersburg.	6	57	18
Stockholm, Swed'n.	6	8	18
Vienna, Austria.	6	1	37

DIVISIONS OF TIME.

A SOLAR DAY is measured by the rotation of the earth upon its axis, and is of different lengths, owing to the ellipticity of the earth's orbit and other causes; but a mean solar day, recorded by the time-piece, is twenty-four hours long.

AN ASTRONOMICAL DAY commences at noon, and is counted from the first to the twenty-fourth hour. A CIVIL DAY commences at midnight, and is counted from the first to the twelfth hour, when it is recounted again from the first to the twelfth hour. A NAUTICAL DAY is counted as a Civil Day, but commences, like an Astronomical Day, from noon.

A CALENDAR MONTH varies in length from 28 to 31 days. A MEAN LUNAR MONTH is 29 days, 12 hours, 44 minutes, 2 seconds, and 5.24 thirds.

A YEAR is divided into 365 days.

A SOLAR YEAR, which is the time occupied by the Sun in passing from one Vernal Equinox to another, consists of 365.24244 solar days, or 365 days, 5 hours, 48 minutes, and 49.536 seconds.

A JULIAN YEAR is 365 days. A GREGORIAN YEAR is 365.2425 days. Every fourth year is BISSEXTILE, or LEAP YEAR, and is 366 days. The error of the Gregorian computation amounts only to one day in 3571.4286 years.

TO ASCERTAIN THE LENGTH OF THE DAY AND NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

IMPORTANT EPOCHS AND ERAS.

Destruction of Troy	June, B. C. 1184.
Building of Solomon's Temple	May, B. C. 1015.
Roman Era	April 24, B. C. 753.
Christian Era	January 1, A. D. 1; A. M. 4004.
Destruction of Jerusalem	September 21, A. D. 69.
Conquest of England	October 14, A. D. 1066.
Declaration of American Independence	July 4, A. D. 1776.

THINGS WORTH KNOWING.

SOUND travels at the rate of 1142 feet per second in the air, 4960 in water, 11,000 in cast-iron, 17,000 in steel, 18,000 in glass, and from 4636 to 17,000 in wood.

Mercury freezes at 38 degrees below zero Fahrenheit, and becomes a solid mass, malleable under the hammer.

The greatest height at which visible clouds ever exist does not exceed ten miles.

Air is about 816 times lighter than common water.

The pressure of the atmosphere upon every square foot of the earth amounts to 2160 lbs. An ordinary sized man, supposing his surface to be 14 square feet, sustains the enormous pressure of 30,340 lbs.

Heat rarefies air to such an extent that it can be made to occupy 5500 times the space it did before.

The violence of the expansion of water when freezing is sufficient to cleave a globe of copper of such thickness as to require a force of 28,000 lbs. to produce a like effect.

During the conversion of ice into water, 140 degrees of heat are absorbed.

Water, when converted into steam, increases in bulk 18,000 times.

One hundred pounds of Dead Sea water contains 46 lbs. of salt.

The mean annual depth of rain that falls at the equator is 96 inches.

Assuming the temperature of the interior of the earth to increase uniformly at the rate of one degree for every 45 feet, at the depth of 60 miles the degree of heat would be sufficient to fuse all known substances.

The explosive force of close-confined gunpowder is six and a half tons to the square inch.

The greatest artificial cold ever produced is 91 degrees below zero Fahrenheit.

Water obstructs one-half of the perpendicular rays of the sun in 17 feet, and three-fourths in 34 feet; and less than one-thousandth part reaches the depth of 200 feet; hence the bottom of deep waters is in total darkness.

The Sun has a diameter of 885,680 miles, and its bulk is 1,400,000 times greater than that of the Earth.

The Earth moves forward in its orbit, 1,640,000 miles per day, 68,000 miles per hour, 1,100 miles per minute, and nearly 19 miles every second. Its diameter is 7912 miles, and its distance from the Sun 92,000,000 miles. The Moon's diameter is 2160 miles, and its volume one forty-ninth of that of the Earth. It revolves in its orbit once in 29½ days, at a distance of 240,000 miles from the Earth.

A COMPLETE

Table of Stamp Duties

AS APPROVED JULY 13, 1870.

AGREEMENT, or CONTRACT, not otherwise specified; any appraisement of value or damage, or for any other purpose; for each agreement, or for each sheet of each agreement, etc., or renewal of same..... $0.05

ASSIGNMENT. — See conveyance.

BANK CHECK, DRAFT, or ORDER for the payment of any sum of money drawn upon any bank, banker, or trust company, or for any sum exceeding $10, drawn upon any other person, companies, or corporations, at sight or on demand..... .02

BILL OF EXCHANGE (*Inland,*) DRAFT, or ORDER, for the payment of money, otherwise than at sight or on demand, for every $100, or part thereof.. .05

BILL OF EXCHANGE, (*Foreign,*) or LETTER OF CREDIT, drawn in but payable out of the United States:

If drawn singly or in duplicate, same as Inland bills of Exchange.

If drawn in sets of three or more, every bill of each set, for every $100, or part thereof, or its equivalent in any foreign currency in which the bill is expressed..... .02

BILL OF LADING, or RECEIPT, (other than charter party,) for any goods, etc., exported to a foreign port..... .10

BILL OF SALE OF VESSEL, or any part thereof, consideration of value not over $500..... .50

Every add'l $500, or part thereof, 50 cents more.

BOND OF INDEMNITY, every $1,000, or part thereof... .50

BOND, for the execution of the duties of any office.. 1.00

BOND, other than required in legal proceedings, or used in connection with mortgage deeds, and not otherwise charged..... .25

CERTIFICATE OF STOCK, in incorporated company.... .25

CERTIFICATE OF PROFITS, or any certificate or memorandum showing an interest in the property or accumulations of any incorporated company, if for $10 and not over $50..... $0.10

Over $50 and not over $1,000..... .25

Every add'l $1,000, or part thereof, 25 cents more.

CERTIFICATE OF DAMAGE, or otherwise, and all other certificates or documents issued by any port warden, marine surveyor, or person acting as such..... .25

CERTIFICATE OF DEPOSIT, $100 or less..... .02

Over $100..... .05

(Certificates of measurement or weight of animals, wood, coal, or hay; certificate of the record of a deed or other instrument in writing, or of the acknowledgment or proof thereof, by attesting witnesses, require no stamp.)

CERTIFICATE, of any other description..... .05

CHARTER PARTY, (or renewal, etc., of same,) contract or agreement for charter of vessel or steamer of registered tonnage, not over 150 tons..... 1.00

Over 150 and not over 300 tons..... 3.00

Over 300 and not over 600 tons..... 5.00

Over 600 tons..... 10.00

CONTRACT, or renewal, Broker's note, or memorandum of sale of merchandise, real estate, or other property issued by brokers, or persons acting as such, each..... .10

CONVEYANCE.—Deed or writing, whereby any lands, tenements, or other realty sold is granted, assigned, or transferred, for every $500, or part thereof..... .50

ENTRY OF GOODS, etc., at any custom house, for consumption or warehousing, of value not over $100..... .25

Over $100 and not over $500..... .50

Over $500..... 1.00

WITHDRAWAL from bonded warehouse..... .50

INSURANCE (*Life*). — Policy, (or assignment, etc., of same,) not over $1,000..... .25

Over $1,000 and not over $5,000..... .50

Over $5,000..... 1.00

INSURANCE against accidental injury to persons, exempt.

INSURANCE (*Marine, Inland, and Fire*). — Each policy or renewal, (or assignment, etc., of same,) on which premium is $10 or less $0.10
Over $10 and not over $50..... .25
Over $50..... .50

LEASE, agreement, memorandum, or contract, for the hire, use, or rent of any land, tenement, or portion thereof, when rent or rental value is not over $300 per annum..... .50
Every add'l $200, or part thereof, 50 cents more.

LEASE, ASSIGNMENT OF. — A stamp duty equal to that imposed on the original instrument, increased by a stamp duty on the consideration or value of the assignment equal to that imposed upon the conveyance of land for similar consideration or value. (See Conveyance.)

MANIFEST, for custom house entry or clearance of vessel's cargo for foreign port, (except to British North America,) tonnage not over 300 tons... 1.00
Over 300 and not over 600 tons..... 3.00
Over 600 tons..... 5.00

MORTGAGE, Trust Deed, or Personal Bond, for the payment of money, over $100 and not over $500, .50
Every add'l $500, or part thereof, 50 cents more.

TRUST DEED conveying estate to uses, to be stamped as a conveyance.

OFFICIAL INSTRUMENTS, documents and papers issued by the officers of the United States government, or by the officers of any State, county or town, require no stamp.

ORDER for the payment of money.— See Bank Check.

PASSAGE TICKET, to foreign port, (except British North America,) costing $35 or less..... .50
Over $35 and not over $50..... 1.00
Every add'l $50, or part thereof, $1 more.

POWER OF ATTORNEY, to sell or transfer any stock, bond, or scrip, or for the collection of any dividend, or interest thereon..... .25
To vote by proxy for officers of any incorporated company or society, (except religious, charitable, literary societies, or public cemeteries,)..... .10
To sell or rent real estate..... 1.00
To collect rents..... .25
To perform any act not herein mentioned..... .50

UNITED STATES STAMP DUTIES.

PROBATE OF WILL, or LETTERS OF ADMINISTRATION, value of estate not over $2,000..... $1.00
Every add'l $1,000, or part thereof, 50 cents more.
(Probate of will, letters testamentary or of administration, or administrator's or guardian's bonds, when the value of the estate, real and personal, does not exceed $1,000, require no stamp.)

PROMISSORY NOTE, (except bank notes issued for circulation, and checks made and intended to be forthwith presented, and which shall be presented to a bank or banker for payment,) or any memorandum, check, receipt, or other written or printed evidence of money to be paid on demand, or at a time designated, exceeding $100, for every $100 or part thereof..... .05
Promissory Notes for sums less than $100 require no stamp.

PROTEST of note, bill of exchange, acceptance, check or draft, or any marine protest, whether protested by a notary public or by any other officer who may be authorized by law to make such protest..... .25

CANNED MEATS, etc., for and upon every can, bottle or other single package, containing meats, fruits, vegetables, sauces, syrups, prepared mustard, jams or jellies, not exceeding 2 lbs. in weight... .01
Every add'l pound or part thereof, 1 cent more.

PROPRIETARY, Medicines, Perfumery, Cosmetics, Preparations, etc., each package retailed at not over 25 cents..... .01
Over 25 cents and not over 50 cents..... .02
Over 50 cents and not over 75 cents..... .03
Over 75 cents and not over $1..... .04
Every add'l 50 cents, or part thereof, 2 cents more.

FRICTION MATCHES, or lucifer matches, or other articles made in part of wood, and used for like purposes, each package of 100 matches, or part thereof..... .01
Packages of more than 100 matches, for each 100 or part thereof..... .01

WAX TAPERS, double the rates for friction matches.

UNITED STATES STAMP DUTIES.

CIGAR LIGHTS, made in part of wood, wax, glass, paper, or other materials, in packages containing twenty-five lights or less, each package... .01

Every additional twenty-five lights or part thereof, 1 cent more.

PLAYING CARDS, for and upon every pack, not exceeding fifty-two cards in number, irrespective of price or value..... .05

☞ The indiscriminate use of all kinds of stamps (except postage or proprietary) is permitted, care being taken to affix a stamp or stamps of the proper amount.

Documents made in any foreign country, to be used in the United States, shall pay the same duty as when made here.

Powers of Attorney, or other papers relating to applications for bounties, arrearages of pay, or pensions, require no stamp; neither do indorsement of negotiable instrument, nor any warrant of attorney accompanying a bond or note, when such bond or note shall be stamped; and whenever any bond or note shall be secured by mortgage, but one stamp duty is required, provided the stamp duty placed thereon is the highest rate required for said instrument, or either of them.

The person using or affixing the stamp or stamps, shall write thereupon the initials of his name and the date upon which the same shall be attached or used, under a penalty of $50; or they may be otherwise canceled as the Commissioner may prescribe.

Violations of Stamp Duties will be puuished as the law directs.

THE LENGTH OF DAYS.

At San Francisco the longest day has 14¾ hours; at Boston, 15½; at Berlin and London, 16½; at Stockholm and Upsal, 16½; at Hamburg, Dantzic, and Stettin, 17, and the shortest 7. At St. Petersburg and Tobolsk the longest day has 19, and the shortest 5 hours. At Bornea, in Finland, the longest day has 21½, and the shortest 2½ hours. At Wanderbus, in Norway, the day lasts from the 21st of May to the 22d of July, without interruption; and at Spitzbergen, the longest day is 3½ months.

THE SEASONS.

Vernal Equinox.....	March	20th,	1h. 49m. A.M.
Summer Solstice.....	June	20th,	10h. 24m. P.M.
Autumnal Equinox.....	Sept.	22d,	0h. 45m. P.M.
Winter Solstice.....	Dec.	21st,	6h. 45m. A.M.

ECLIPSES IN THE YEAR 1872.

In the year 1872, there will be four Eclipses, two of the Sun, and two of the Moon.

I.—A PARTIAL ECLIPSE OF THE MOON, May 22d, the last phase only of which will be visible to the eastern coast of North America, as follows:

Moon leaves Penumbra, New York, 8h. 31m. P.M.
" " " Boston, 8h. 42m. P.M.

At Chicago, the Eclipse will be invisible.

II.—AN ANNULAR ECLIPSE OF THE SUN, June 6th, invisible to North America. Visible to Asia.

III.—A PARTIAL ECLIPSE OF THE MOON, November 14th and 15th, visible as follows:

PHASES.	NEW YORK.	BOSTON.	CHICAGO.
	Day. h m	*Day. h m*	*Day. h m*
Moon enters Penumbra	14 10 6 A.	14 10 18 A.	14 9 11 A.
Moon enters Shadow...	15 0 6 M.	15 0 18 M.	14 11 11 A.
Middle of Eclipse.....	15 0 23 M.	15 0 35 M.	14 11 29 A.
Moon leaves Shadow...	15 0 41 M.	15 0 53 M.	14 11 47 A.
Moon leaves Penumbra	15 2 41 M.	15 2 53 M.	15 1 47 M.

IV.—A TOTAL ECLIPSE OF THE SUN, November 30th, invisible to North America. Visible to southern part of South America and South Pacific Ocean.

MORNING AND EVENING STARS.

VENUS will be Morning Star until July 16th, and Evening Star the rest of the year.

JUPITER will be Morning Star until January 15th, then Evening Star until August 2d, and Morning Star the rest of the year.

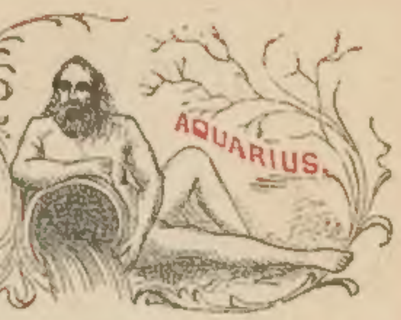
FASTS AND FEASTS OF THE CHURCH.

Epiphany.....	Jan. 6.	Low Sunday.....	April 7.
Septuagesima Sund.	" 28.	Rogation Sunday...	May 5.
Shrove Sunday.....	Feb. 11.	Ascension Day.....	" 9.
Ash Wednesday....	" 14.	Whit Sunday.....	" 19.
First Sund. in Lent.	" 18.	Trinity Sunday.....	" 26.
Palm Sunday.....	Mar. 24.	Corpus Christi.....	" 30.
Good Friday.....	" 29.	Advent Sunday.....	Dec. 1.
Easter Sunday.....	" 31.	Christmas Day.....	" 25

CHRONOLOGICAL CYCLES.

Dominical Letters.....	G.F.	Solar Cycle.....	5.
Epact.....	20.	Roman Indiction.....	15.
Lunar Cycle.....	11.	Julian Period.....	6585.

January, 1872



Moon's Phases.	Day.	Boston. h	m		New York. h	m	
Last Q'rter.....	3	5	15	P. M.	5	3	P. M.
New Moon.....	10	10	14	A. M.	10	2	A. M.
First Q'rter.....	17	7	18	A. M.	7	6	A. M.
Full Moon.....	25	0	30	P. M.	0	18	P. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Mo.	7	30	4	39	10	14	3	1	3	22	.....		0	7
2	Tu.	7	30	4	39	11	18	3	43	4	5	0	29	0	52
3	We.	7	30	4	40	MORN		4	29	4	54	1	16	1	41
4	Th.	7	30	4	41	0	24	5	21	5	48	2	7	2	34
5	Fr.	7	30	4	42	1	33	6	16	6	46	3	2	3	31
6	Sa.	7	30	4	43	2	47	7	17	7	48	4	2	4	33
7	♑	7	30	4	44	4	3	8	20	8	51	5	5	5	36
8	Mo.	7	29	4	45	5	19	9	22	9	52	6	7	6	37
9	Tu.	7	29	4	46	6	34	10	24	10	56	7	8	7	39
10	We.	7	29	4	47	SETS		11	24	11	51	8	7	8	34
11	Th.	7	29	4	48	6	7	.....		0	18	9	2	9	30
12	Fr.	7	28	4	49	7	24	0	44	1	10	9	56	10	21
13	Sa.	7	28	4	50	8	39	1	36	2	1	10	45	11	8
14	♑	7	28	4	51	9	52	2	26	2	49	11	32	11	57
15	Mo.	7	27	4	53	11	0	3	12	3	35	.....		0	21
16	Tu.	7	27	4	54	MORN		3	58	4	21	0	45	1	9
17	We.	7	26	4	55	0	5	4	46	5	12	1	33	1	58
18	Th.	7	26	4	56	1	9	5	38	6	4	2	24	2	50
19	Fr.	7	25	4	57	2	12	6	31	6	58	3	17	3	43
20	Sa.	7	25	4	59	3	14	7	25	7	52	4	10	4	36
21	♑	7	24	5	0	4	15	8	19	8	45	5	3	5	30
22	Mo.	7	23	5	1	5	13	9	11	9	37	5	57	6	23
23	Tu.	7	23	5	2	6	7	10	2	10	26	6	48	7	11
24	We.	7	22	5	3	6	55	10	49	11	11	7	33	7	54
25	Th.	7	21	5	5	RISES		11	32	11	52	8	14	8	36
26	Fr.	7	21	5	6	6	0	.....		0	12	8	58	9	18
27	Sa.	7	20	5	7	7	4	0	32	0	52	9	38	9	58
28	♑	7	19	5	8	8	8	1	12	1	32	10	17	10	35
29	Mo.	7	18	5	10	9	12	1	52	2	11	10	53	11	13
30	Tu.	7	17	5	11	10	16	2	31	2	51	11	34	11	56
31	We.	7	16	5	13	11	23	3	11	3	32	.....		0	18

February, 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
Last Q'rter.....	2	5	26	A. M.	5	14	A. M.
New Moon.....	8	9	8	P. M.	8	56	P. M.
First Q'rter.....	16	1	40	A. M.	1	28	A. M.
Full Moon.....	24	6	12	A. M.	6	0	A. M.

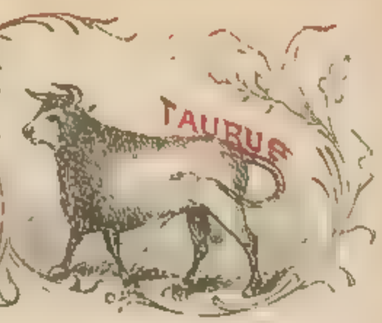
Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Th.	7	15	5	14	MORN		3	55	4	19	0	41	1	6
2	Fr.	7	14	5	15	0	32	4	45	5	13	1	32	1	59
3	Sa.	7	13	5	16	1	44	5	43	6	15	2	29	3	1
4	♒	7	11	5	18	2	58	6	49	7	25	3	35	4	10
5	Mo.	7	10	5	19	4	11	8	1	8	35	4	45	5	20
6	Tu.	7	9	5	20	5	20	9	9	9	42	5	55	6	28
7	We.	7	8	5	21	6	21	10	14	10	44	6	59	7	29
8	Th.	7	7	5	23	SETS		11	12	11	37	7	56	8	19
9	Fr.	7	6	5	24	6	11	.....		0	2	8	45	9	12
10	Sa.	7	4	5	25	7	26	0	26	0	49	9	37	9	58
11	♒	7	3	5	27	8	38	1	12	1	34	10	19	10	39
12	Mo.	7	2	5	28	9	48	1	56	2	17	10	59	11	20
13	Tu.	7	0	5	29	10	55	2	38	2	59	11	43	.....	
14	We.	6	58	5	31	MORN		3	21	3	43	0	6	0	29
15	Th.	6	57	5	32	0	0	4	5	4	29	0	52	1	16
16	Fr.	6	56	5	33	1	4	4	54	5	21	1	41	2	8
17	Sa.	6	55	5	34	2	6	5	50	6	19	2	36	3	4
18	♒	6	54	5	36	3	5	6	48	7	17	3	33	4	2
19	Mo.	6	52	5	37	4	1	7	46	8	15	4	31	5	0
20	Tu.	6	51	5	38	4	52	8	43	9	10	5	28	5	55
21	We.	6	49	5	39	5	36	9	35	10	0	6	21	6	46
22	Th.	6	48	5	41	6	13	10	24	10	47	7	10	7	31
23	Fr.	6	46	5	42	RISES		11	8	11	27	7	51	8	10
24	Sa.	6	45	5	43	5	58	11	46	.....		8	29	8	50
25	♒	6	43	5	44	7	3	0	5	0	25	9	11	9	30
26	Mo.	6	42	5	46	8	8	0	44	1	3	9	49	10	8
27	Tu.	6	40	5	47	9	15	1	22	1	42	10	27	10	45
28	We.	6	38	5	48	10	24	2	2	2	22	11	4	11	26
29	Th.	6	37	5	49	11	35	2	43	3	5	11	50	.....	
..	....	....		....		.....		.....		.....		.....		.....	
..	....	....		....		.....		.....		.....		.....		.....	

March 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
Last Q'rter.....	2	2	44	P. M.	2	32	P. M.
New Moon.....	9	8	9	A. M.	7	57	A. M.
First Q'rter...	16	9	41	P. M.	9	29	P. M.
Full Moon.....	24	8	59	P. M.	8	47	P. M.
Last Q'rter.....	31	9	47	P. M.	9	35	P. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Fr.	6	35	5	51	MORN		3	29	3	54	0	15	0	41
2	Sa.	6	34	5	52	0	48	4	22	4	52	1	9	1	39
3	♍	6	32	5	53	2	0	5	25	6	0	2	12	2	46
4	Mo.	6	30	5	54	3	8	6	37	7	14	3	22	3	59
5	Tu.	6	28	5	55	4	9	7	51	8	26	4	35	5	10
6	We.	6	27	5	57	5	1	8	9	9	31	5	44	6	17
7	Th.	6	25	5	58	5	45	10	2	10	31	6	49	7	17
8	Fr.	6	24	5	59	6	19	10	56	11	19	7	40	8	1
9	Sa.	6	22	6	0	SETS		11	40	.....		8	23	8	46
10	♍	6	20	6	1	7	26	0	1	0	22	9	9	9	30
11	Mo.	6	18	6	2	8	36	0	43	1	3	9	50	10	9
12	Tu.	6	17	6	4	9	44	1	23	1	43	10	28	10	47
13	We.	6	15	6	5	10	49	2	4	2	25	11	7	11	28
14	Th.	6	13	6	6	11	53	2	46	3	7	11	51	.....	
15	Fr.	6	12	6	7	MORN		3	29	3	53	0	15	0	40
16	Sa.	6	10	6	8	0	55	4	18	4	45	1	5	1	31
17	♍	6	8	6	9	1	53	5	13	5	42	1	59	2	28
18	Mo.	6	6	6	10	2	46	6	12	6	43	2	58	3	28
19	Tu.	6	5	6	12	3	33	7	13	7	43	3	58	4	28
20	We.	6	3	6	13	4	13	8	12	8	39	4	56	5	23
21	Th.	6	1	6	14	4	47	9	4	9	29	5	49	6	15
22	Fr.	5	59	6	15	5	16	9	53	10	15	6	39	7	1
23	Sa.	5	58	6	16	5	44	10	37	10	58	7	22	7	41
24	♍	5	56	6	17	RISES		11	18	11	37	8	0	8	20
25	Mo.	5	54	6	18	7	4	11	56	.....		8	40	9	0
26	Tu.	5	52	6	19	8	13	0	15	0	34	9	21	9	41
27	We.	5	51	6	20	9	25	0	54	1	15	10	1	10	21
28	Th.	5	49	6	22	10	39	1	37	1	59	10	42	11	5
29	Fr.	5	47	6	23	11	51	2	22	2	47	11	30	11	57
30	Sa.	5	45	6	24	MORN		3	13	3	41	.....		0	27
31	♍	5	44	6	25	1	1	4	11	4	43	0	57	1	30

April 1872



Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	7	7	47	P. M.	7	35	P. M.
First Q'rter.....	15	5	27	P. M.	5	15	A. M.
Full Moon.....	23	8	53	A. M.	8	41	A. M.
Last Q'rter.....	30	3	37	A. M.	3	25	A. M.

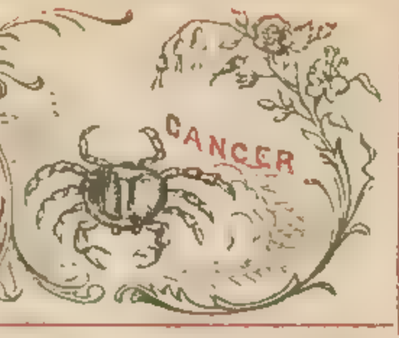
Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Mo.	5	42	6	26	2	4	5	18	5	55	2	5	2	41
2	Tu.	5	40	6	27	2	59	6	32	7	8	3	17	3	53
3	We.	5	39	6	28	3	43	7	43	8	16	4	27	5	0
4	Th.	5	37	6	30	4	19	8	46	9	15	5	31	6	1
5	Fr.	5	35	6	31	4	50	9	42	10	7	6	28	6	53
6	Sa.	5	33	6	32	5	16	10	31	10	54	7	17	7	38
7	♍	5	32	6	33	SETS		11	14	11	33	7	57	8	15
8	Mo.	5	30	6	34	7	26	11	52	.....		8	35	8	57
9	Tu.	5	28	6	35	8	32	0	11	0	31	9	18	9	38
10	We.	5	27	6	36	9	38	0	52	1	12	9	58	10	17
11	Th.	5	25	6	37	10	42	1	32	1	53	10	37	10	57
12	Fr.	5	23	6	38	11	43	2	15	2	37	11	19	11	43
13	Sa.	5	22	6	40	MORN		2	59	3	22	.....		0	8
14	♍	5	20	6	41	0	38	3	47	4	13	0	33	0	59
15	Mo.	5	19	6	42	1	27	4	40	5	9	1	27	1	55
16	Tu.	5	17	6	43	2	9	5	38	6	7	2	24	2	53
17	We.	5	15	6	44	2	46	6	36	7	5	3	22	3	51
18	Th.	5	14	6	45	3	18	7	34	8	2	4	19	4	46
19	Fr.	5	12	6	46	3	46	8	28	8	52	5	12	5	38
20	Sa.	5	11	6	47	4	11	9	16	9	39	6	2	6	25
21	♍	5	9	6	48	4	34	10	2	10	24	6	48	7	9
22	Mo.	5	8	6	50	4	58	10	45	11	6	7	29	7	49
23	Tu.	5	6	6	51	RISES		11	27	11	47	8	9	8	31
24	We.	5	5	6	52	8	23	.....		0	8	8	53	9	15
25	Th.	5	3	6	53	9	39	0	30	0	53	9	39	10	4
26	Fr.	5	2	6	54	10	52	1	18	1	44	10	29	10	54
27	Sa.	5	0	6	55	MORN		2	11	2	38	11	20	11	49
28	♍	4	59	6	56	0	0	3	6	3	35	.....		0	21
29	Mo.	4	58	6	57	0	58	4	6	4	39	0	53	1	26
30	Tu.	4	56	6	59	1	45	5	13	5	48	2	0	2	34
.....		.....		.....		.....		.....		.....		.....		.....		

July 1872

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	7	8	34	A. M.	8	22	A. M.
First Q'rter.....	15	11	21	A. M.	11	9	A. M.
Full Moon.....	22	6	24	P. M.	6	12	P. M.
Last Q'rter.....	29	9	28	A. M.	9	16	A. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	We.	4	55	6	59	2	23	6	22	6	55	3	8	3	40
2	Th.	4	53	7	1	2	55	7	26	7	56	4	11	4	41
3	Fr.	4	52	7	2	3	21	8	24	8	50	5	9	5	35
4	Sa.	4	51	7	3	3	46	9	15	9	39	6	1	6	25
5	♋	4	49	7	4	4	10	10	1	10	23	6	48	7	9
6	Mo.	4	48	7	5	4	34	10	44	11	4	7	28	7	47
7	Tu.	4	47	7	6	SETS		11	24	11	43	8	5	8	25
8	We.	4	46	7	7	8	29	.....		0	3	8	47	9	9
9	Th.	4	45	7	8	9	31	0	23	0	44	9	30	9	51
10	Fr.	4	43	7	9	10	29	1	5	1	27	10	12	10	33
11	Sa.	4	42	7	10	11	21	1	49	2	11	10	54	11	16
12	♋	4	41	7	12	MORN		2	34	2	57	11	40	.....	
13	Mo.	4	40	7	13	0	6	3	20	3	43	0	5	0	30
14	Tu.	4	39	7	14	0	45	4	8	4	34	0	55	1	21
15	We.	4	38	7	15	1	18	5	1	5	28	1	47	2	14
16	Th.	4	37	7	16	1	46	5	56	6	23	2	42	3	9
17	Fr.	4	36	7	17	2	11	6	50	7	17	3	35	4	2
18	Sa.	4	35	7	18	2	35	7	43	8	10	4	28	4	54
19	♌	4	34	7	19	2	59	8	35	8	59	5	20	5	45
20	Mo.	4	33	7	20	3	24	9	23	9	47	6	9	6	33
21	Tu.	4	32	7	21	3	51	10	11	10	36	6	57	7	21
22	We.	4	32	7	22	4	21	11	1	11	24	7	44	8	7
23	Th.	4	31	7	23	RISES		11	48	.....		8	31	8	58
24	Fr.	4	30	7	24	9	46	0	13	0	39	9	26	9	53
25	Sa.	4	29	7	24	10	49	1	7	1	35	10	20	10	46
26	♌	4	28	7	25	11	42	2	3	2	32	11	14	11	44
27	Mo.	4	28	7	26	MORN		3	0	3	28	.....		0	14
28	Tu.	4	28	7	27	0	24	3	58	4	28	0	45	1	15
29	We.	4	27	7	28	0	58	4	59	5	29	1	45	2	15
30	Th.	4	26	7	29	1	27	5	58	6	27	2	44	3	13
31	Fr.	4	26	7	30	1	52	6	56	7	24	3	41	4	9

August 1872



Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	5	10	39	P. M.	10	27	P. M.
First Q'rter.....	14	2	35	A. M.	2	23	A. M.
Full Moon.....	21	2	13	A. M.	2	1	A. M.
Last Q'rter.....	27	4	43	P. M.	4	31	P. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Sa.	4	25	7	30	2	15	7	50	8	16	4	35	5	0
2	♌	4	25	7	31	2	37	8	41	9	6	5	26	5	52
3	Mo.	4	25	7	32	3	1	9	29	9	52	6	16	6	38
4	Tu.	4	24	7	32	3	28	10	14	10	36	7	0	7	21
5	We.	4	24	7	33	3	59	10	58	11	20	7	41	8	2
6	Th.	4	23	7	34	SETS		11	41	.....		8	23	8	45
7	Fr.	4	23	7	34	9	16	0	1	0	22	9	7	9	30
8	Sa.	4	23	7	35	10	4	0	43	1	5	9	52	10	13
9	♍	4	23	7	35	10	45	1	27	1	49	10	34	10	54
10	Mo.	4	22	7	36	11	19	2	11	2	33	11	15	11	37
11	Tu.	4	22	7	36	11	48	2	54	3	15	.....		0	0
12	We.	4	22	7	37	MORN		3	37	3	59	0	23	0	46
13	Th.	4	22	7	37	0	14	4	22	4	46	1	9	1	32
14	Fr.	4	22	7	38	0	38	5	11	5	37	1	57	2	23
15	Sa.	4	22	7	38	1	1	6	3	6	29	2	49	3	15
16	♍	4	22	7	38	1	23	6	56	7	23	3	41	4	8
17	Mo.	4	22	7	39	1	48	7	51	8	20	4	36	5	4
18	Tu.	4	23	7	39	2	16	8	48	9	16	5	33	6	2
19	We.	4	23	7	40	2	50	9	44	10	12	6	30	6	58
20	Th.	4	23	7	40	3	33	10	40	11	8	7	25	7	51
21	Fr.	4	23	7	40	RISES		11	36	.....		8	18	8	47
22	Sa.	4	23	7	40	9	32	0	3	0	30	9	17	9	46
23	♎	4	24	7	40	10	20	0	58	1	27	10	13	10	38
24	Mo.	4	24	7	40	10	59	1	54	2	21	11	3	11	30
25	Tu.	4	24	7	40	11	29	2	47	3	13	11	58	.....	
26	We.	4	25	7	40	11	55	3	39	4	4	0	25	0	51
27	Th.	4	25	7	40	MORN		4	30	4	56	1	17	1	43
28	Fr.	4	25	7	40	0	20	5	23	5	51	2	10	2	37
29	Sa.	4	26	7	40	0	44	6	19	6	46	3	4	3	32
30	♎	4	26	7	40	1	8	7	13	7	40	3	59	4	25
..	....	....		....		.....		.....		.....		.....		.....	

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	5	1	41	P. M.	1	29	P. M.
First Q'rter.....	13	3	4	P. M.	2	52	P. M.
Full Moon.....	20	9	9	A. M.	8	57	A. M.
Last Q'rter.....	27	2	34	A. M.	2	22	A. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Mo.	4	27	7	40	1	34	8	6	8	32	4	51	5	16
2	Tu.	4	27	7	40	2	3	8	57	9	22	5	42	6	8
3	We.	4	28	7	40	2	36	9	47	10	11	6	33	6	57
4	Th.	4	28	7	40	3	17	10	35	10	58	7	19	7	41
5	Fr.	4	29	7	39	SETS		11	19	11	40	8	1	8	22
6	Sa.	4	29	7	39	8	44	.....		0	1	8	45	9	8
7	☽	4	30	7	39	9	20	0	22	0	43	9	30	9	50
8	Mo.	4	31	7	38	9	51	1	4	1	24	10	9	10	28
9	Tu.	4	32	7	38	10	17	1	44	2	5	10	47	11	7
10	We.	4	33	7	37	10	41	2	25	2	45	11	27	11	48
11	Th.	4	33	7	37	11	4	3	4	3	24	.....		0	0
12	Fr.	4	34	7	36	11	27	3	44	4	6	0	30	0	52
13	Sa.	4	35	7	36	11	50	4	29	4	53	1	16	1	39
14	☽	4	36	7	35	MORN		5	18	5	45	2	4	2	31
15	Mo.	4	36	7	34	0	16	6	14	6	44	3	0	3	30
16	Tu.	4	37	7	34	0	46	7	15	7	46	4	0	4	31
17	We.	4	38	7	33	1	22	8	18	8	51	5	2	5	35
18	Th.	4	39	7	32	2	9	9	24	9	57	6	10	6	44
19	Fr.	4	40	7	32	3	8	10	28	10	58	7	14	7	42
20	Sa.	4	41	7	31	RISES		11	27	11	54	8	9	8	37
21	☽	4	42	7	30	8	53	.....		0	20	9	6	9	32
22	Mo.	4	43	7	29	9	28	0	46	1	12	9	58	10	22
23	Tu.	4	44	7	28	9	57	1	37	2	2	10	45	11	8
24	We.	4	44	7	28	10	23	2	25	2	48	11	31	11	55
25	Th.	4	45	7	27	10	47	3	11	3	33	.....		0	19
26	Fr.	4	46	7	26	11	11	3	56	4	20	0	43	1	7
27	Sa.	4	47	7	25	11	36	4	45	5	12	1	32	1	58
28	☽	4	48	7	23	MORN		5	39	6	7	2	25	2	53
29	Mo.	4	49	7	22	0	4	6	35	7	4	3	21	3	49
30	Tu.	4	50	7	21	0	37	7	33	8	1	4	17	4	45
31	We.	4	51	7	20	1	16	8	29	8	56	5	13	5	41

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	4	5	1	A. M.	4	49	A. M.
First Q'rter.....	12	1	8	A. M.	0	56	A. M.
Full Moon.....	18	4	9	P. M.	3	57	P. M.
Last Q'rter.....	25	3	51	P. M.	3	39	P. M.

Day of M'th	Day of Week	BOSTON. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	NEW YORK. High Tide. Morning. h	m	Evening. h	m
1	Th.	4	52	7	19	2	1	9	23	9	49	6	9	6	35
2	Fr.	4	53	7	18	2	51	10	13	10	36	6	59	7	21
3	Sa.	4	54	7	17	3	47	10	58	11	20	7	42	8	2
4	☽	4	55	7	15	SETS		11	40	.....		8	23	8	44
5	Mo.	4	57	7	14	8	22	0	0	0	19	9	5	9	25
6	Tu.	4	58	7	13	8	46	0	38	0	57	9	44	10	2
7	We.	4	59	7	12	9	8	1	16	1	35	10	20	10	37
8	Th.	5	0	7	10	9	30	1	53	2	11	10	54	11	12
9	Fr.	5	1	7	9	9	53	2	30	2	49	11	32	11	54
10	Sa.	5	2	7	8	10	17	3	9	3	30	.....		0	16
11	☽	5	3	7	6	10	44	3	52	4	16	0	38	1	3
12	Mo.	5	4	7	5	11	16	4	42	5	11	1	29	1	57
13	Tu.	5	5	7	3	11	57	5	42	6	15	2	28	3	1
14	We.	5	6	7	2	MORN		6	50	7	26	3	35	4	10
15	Th.	5	7	7	0	0	49	8	2	8	38	4	46	5	23
16	Fr.	5	8	6	59	1	53	9	13	9	46	5	59	6	32
17	Sa.	5	9	6	57	3	7	10	17	10	46	7	3	7	31
18	☽	5	10	6	56	RISES		11	14	11	39	7	56	8	22
19	Mo.	5	11	6	54	7	55	.....		0	3	8	48	9	12
20	Tu.	5	13	6	53	8	22	0	27	0	50	9	36	9	58
21	We.	5	14	6	51	8	48	1	12	1	34	10	19	10	39
22	Th.	5	15	6	50	9	13	1	56	2	18	11	0	11	22
23	Fr.	5	16	6	48	9	38	2	39	3	0	11	44	.....	
24	Sa.	5	17	6	47	10	5	3	22	3	45	0	7	0	31
25	☽	5	18	6	45	10	36	4	9	4	35	0	56	1	22
26	Mo.	5	19	6	43	11	13	5	2	5	31	1	49	2	17
27	Tu.	5	20	6	42	11	56	6	1	6	31	2	47	3	17
28	We	5	21	6	40	MORN		7	2	7	32	3	47	4	17
29	Th.	5	22	6	39	0	45	8	1	8	30	4	46	5	14
30	Fr.	5	23	6	37	1	40	8	57	9	23	5	42	6	9
31	Sa.	5	24	6	35	2	39	9	48	10	11	6	34	6	57

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	2	8	9	P. M.	7	57	P. M.
First Q'rter.....	10	9	19	A. M.	9	7	A. M.
Full Moon.....	17	0	20	A. M.	0	8	A. M.
Last Q'rter.....	24	8	37	A. M.	8	25	A. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	♍	5	25	6	33	3	40	10	34	10	55	7	18	7	38
2	Mo.	5	26	6	32	4	43	11	14	11	32	7	56	8	14
3	Tu.	5	27	6	30	SETS		11	50	.....		8	33	8	53
4	We.	5	28	6	28	7	36	0	8	0	25	9	11	9	29
5	Th.	5	29	6	27	7	57	0	43	1	2	9	48	10	7
6	Fr.	5	30	6	25	8	20	1	21	1	40	10	25	10	43
7	Sa.	5	32	6	23	8	46	2	0	2	20	11	3	11	23
8	♎	5	33	6	22	9	16	2	41	3	3	11	47	.....	
9	Mo.	5	34	6	20	9	53	3	26	3	52	0	12	0	39
10	Tu.	5	35	6	18	10	40	4	20	4	51	1	7	1	38
11	We.	5	36	6	16	11	37	5	25	6	1	2	11	2	47
12	Th.	5	37	6	14	MORN		6	38	7	16	3	24	4	1
13	Fr.	5	38	6	13	0	45	7	54	8	30	4	39	5	14
14	Sa.	5	39	6	11	2	1	9	2	9	33	5	47	6	19
15	♎	5	40	6	9	3	20	10	3	10	31	6	49	7	15
16	Mo.	5	41	6	7	4	38	10	56	11	18	7	39	8	1
17	Tu.	5	42	6	6	RISES		11	40	.....		8	22	8	45
18	We.	5	43	6	4	7	10	0	1	0	22	9	8	9	29
19	Th.	5	44	6	2	7	36	0	43	1	4	9	50	10	10
20	Fr.	5	45	6	0	8	3	1	24	1	45	10	29	10	49
21	Sa.	5	46	5	59	8	33	2	7	2	29	11	11	11	34
22	♏	5	47	5	57	9	8	2	51	3	14	11	59	.....	
23	Mo.	5	49	5	55	9	49	3	38	4	3	0	24	0	50
24	Tu.	5	50	5	53	10	36	4	30	4	59	1	17	1	45
25	We.	5	51	5	52	11	30	5	29	6	0	2	15	2	46
26	Th.	5	52	5	50	MORN		6	31	7	1	3	17	3	46
27	Fr.	5	53	5	48	0	28	7	30	7	59	4	15	4	43
28	Sa.	5	54	5	46	1	29	8	26	8	51	5	10	5	36
29	♐	5	55	5	45	2	32	9	15	9	38	6	1	6	24
30	Mo.	5	56	5	43	3	36	10	0	10	21	6	46	7	7
.....	.....	.....		.....		.....		.....		.....		.....		.....	

Moon's Phases.	Day.	Boston. h	m		New York. h	m	
New Moon.....	2	10	46	A. M.	10	34	A. M.
First Q'rter.....	9	4	19	P. M.	4	7	P. M.
Full Moon.....	16	10	50	A. M.	10	38	A. M.
Last Q'rter.....	24	4	9	A. M.	3	57	A. M.
New Moon.....	31	12	44	P. M.	12	32	P. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Tu.	5	57	5	41	4	40	10	41	11	1	7	26	7	44
2	We.	5	58	5	39	5	43	11	19	11	37	8	1	8	19
3	Th.	6	0	5	38	SETS		11	55	.....		8	39	8	59
4	Fr.	6	1	5	36	6	50	0	13	0	32	9	18	9	38
5	Sa.	6	2	5	34	7	19	0	52	1	12	9	58	10	19
6	♏	6	3	5	33	7	53	1	34	1	57	10	40	11	3
7	Mo.	6	4	5	31	8	35	2	21	2	46	11	29	11	57
8	Tu.	6	5	5	29	9	28	3	12	3	40	.....		0	26
9	We.	6	6	5	27	10	31	4	10	4	43	0	57	1	30
10	Th.	6	8	5	26	11	42	5	19	5	55	2	5	2	41
11	Fr.	6	9	5	24	MORN		6	31	7	7	3	17	3	53
12	Sa.	6	10	5	23	0	59	7	43	8	16	4	28	5	0
13	♑	6	11	5	21	2	16	8	46	9	14	5	31	5	59
14	Mo.	6	12	5	19	3	31	9	40	10	5	6	26	6	51
15	Tu.	6	14	5	18	4	46	10	29	10	51	7	15	7	35
16	We.	6	15	5	16	RISES		11	12	11	33	7	54	8	14
17	Th.	6	16	5	15	6	1	11	53	.....		8	36	8	59
18	Fr.	6	17	5	13	6	30	0	13	0	34	9	21	9	42
19	Sa.	6	18	5	11	7	3	0	55	1	17	10	3	10	24
20	♒	6	19	5	10	7	42	1	39	2	2	10	45	11	7
21	Mo.	6	20	5	8	8	27	2	24	2	47	11	30	11	55
22	Tu.	6	22	5	7	9	18	3	11	3	36	.....		0	22
23	We.	6	23	5	5	10	15	4	2	4	29	0	49	1	16
24	Th.	6	24	5	4	11	16	4	57	5	26	1	44	2	12
25	Fr.	6	25	5	3	MORN		5	55	6	23	2	40	3	9
26	Sa.	6	26	5	1	0	18	6	51	7	18	3	37	4	3
27	♓	6	28	5	0	1	21	7	44	8	9	4	28	4	53
28	Mo.	6	29	4	58	2	24	8	33	8	57	5	18	5	42
29	Tu.	6	30	4	57	3	28	9	20	9	42	6	5	6	28
30	We.	6	31	4	56	4	33	10	3	10	24	6	50	7	10
31	Th.	6	33	4	54	5	40	10	45	11	6	7	29	7	49

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Moon's Phases.	Day.	Boston. h	m		New York. h	m	
First Q'rter.....	7	11	7	P. M.	10	55	P. M.
Full Moon.....	15	0	24	A. M.	0	12	A. M.
Last Q'rter.....	23	1	1	A. M.	0	49	A. M.
New Moon.....	30	1	50	P. M.	1	38	P. M

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	Fr.	6	34	4	53	sets		11	26	11	46	8	9	8	29
2	Sa.	6	35	4	52	5	51	.....		0	8	8	52	9	17
3	♑	6	36	4	51	6	32	0	30	0	54	9	41	10	5
4	Mo.	6	38	4	49	7	22	1	19	1	44	10	28	10	53
5	Tu.	6	39	4	48	8	23	2	11	2	38	11	21	11	51
6	We.	6	40	4	47	9	33	3	6	3	35	.....		0	22
7	Th.	6	41	4	46	10	48	4	6	4	39	0	53	1	25
8	Fr.	6	43	4	45	morn		5	12	5	45	1	58	2	31
9	Sa.	6	44	4	44	0	3	6	18	6	50	3	4	3	36
10	♑	6	45	4	43	1	18	7	21	7	50	4	6	4	34
11	Mo.	6	46	4	42	2	31	8	18	8	45	5	2	5	30
12	Tu.	6	48	4	41	3	42	9	10	9	34	5	56	6	20
13	We.	6	49	4	40	4	52	9	58	10	21	6	44	7	7
14	Th.	6	50	4	39	6	3	10	44	11	5	7	29	7	49
15	Fr.	6	52	4	38	rises		11	26	11	47	8	8	8	30
16	Sa.	6	53	4	37	5	36	.....		0	8	8	53	9	14
17	♑	6	54	4	36	6	19	0	30	0	52	9	34	9	57
18	Mo.	6	55	4	35	7	8	1	14	1	37	10	22	10	44
19	Tu.	6	56	4	35	8	3	2	0	2	24	11	6	11	29
20	We.	6	58	4	34	9	3	2	47	3	9	11	54	.....	
21	Th.	6	59	4	33	10	4	3	33	3	57	0	19	0	44
22	Fr.	7	0	4	33	11	6	4	21	4	46	1	8	1	33
23	Sa.	7	1	4	32	morn		5	12	5	38	1	58	2	24
24	♑	7	2	4	32	0	8	6	4	6	30	2	50	3	16
25	Mo.	7	4	4	31	1	11	6	56	7	21	3	41	4	6
26	Tu.	7	5	4	31	2	15	7	46	8	11	4	31	4	55
27	We.	7	6	4	30	3	20	8	35	8	59	5	19	5	44
28	Th.	7	7	4	30	4	28	9	23	9	48	6	9	6	34
29	Fr.	7	8	4	29	5	40	10	12	10	37	6	58	7	22
30	Sa.	7	9	4	29	6	56	11	1	11	26	7	44	8	8
...	....	...		...		...		...		...		.....		.....	

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Moon's Phases.	Day.	Boston. h	m		New York. h	m	
First Q'rter.....	7	6	52	A. M.	6	40	A. M.
Full Moon.....	14	5	0	P. M.	4	48	P. M.
Last Q'rter.....	22	9	27	P. M.	9	15	P. M.
New Moon.....	30	1	52	A. M.	1	40	A. M.

Day of M'th	Day of Week	Boston. Sun Rises. h	m	Sun Sets. h	m	Moon R. & S. h	m	High Tide. Morning. h	m	Evening. h	m	New York. High Tide. Morning. h	m	Evening. h	m
1	♑	7	10	4	29	sets		11	51	.....		8	34	9	2
2	Mo.	7	11	4	28	6	12	0	16	0	42	9	29	9	55
3	Tu.	7	12	4	28	7	21	1	9	1	37	10	21	10	48
4	We.	7	13	4	28	8	36	2	5	2	33	11	16	11	45
5	Th.	7	14	4	28	9	53	3	1	3	28	.....		0	14
6	Fr.	7	15	4	28	11	9	3	56	4	24	0	43	1	12
7	Sa.	7	16	4	28	morn		4	53	5	23	1	40	2	9
8	♑	7	17	4	28	0	22	5	53	6	22	2	39	3	7
9	Mo.	7	18	4	28	1	32	6	50	7	18	3	35	4	3
10	Tu.	7	19	4	28	2	41	7	45	8	12	4	30	4	57
11	We.	7	20	4	28	3	50	8	39	9	4	5	24	5	50
12	Th.	7	20	4	28	4	59	9	28	9	52	6	14	6	38
13	Fr.	7	21	4	28	6	6	10	16	10	40	7	2	7	24
14	Sa.	7	22	4	29	7	12	11	3	11	25	7	46	8	8
15	♑	7	23	4	29	rises		11	47	.....		8	30	8	54
16	Mo.	7	23	4	29	5	53	0	9	0	31	9	18	9	40
17	Tu.	7	24	4	29	6	52	0	53	1	16	10	2	10	22
18	We.	7	25	4	29	7	53	1	38	1	59	10	42	11	2
19	Th.	7	25	4	30	8	55	2	20	2	41	11	23	11	45
20	Fr.	7	26	4	31	9	56	3	2	3	23	.....		0	8
21	Sa.	7	26	4	31	10	57	3	44	4	5	0	30	0	52
22	♑	7	27	4	32	11	59	4	27	4	50	1	14	1	37
23	Mo.	7	27	4	32	morn		5	14	5	38	2	0	2	24
24	Tu.	7	28	4	33	1	2	6	3	6	29	2	49	3	15
25	We.	7	28	4	33	2	7	6	56	7	24	3	42	4	9
26	Th.	7	28	4	34	3	16	7	51	8	18	4	35	5	2
27	Fr.	7	29	4	35	4	29	8	47	9	16	5	32	6	2
28	Sa.	7	29	4	35	5	44	9	45	10	13	6	31	6	59
29	♑	7	29	4	36	6	57	10	42	11	11	7	26	7	53
30	Mo.	7	29	4	37	sets		11	38	.....		8	21	8	50
31	Tu.	7	30	4	38	6	15	0	5	0	33	9	19	9	47

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JANUARY.

Moon's Phases.

	Day.	h	m	
Last Q'rter.	3	4	9	P.M.
New Moon...	10	9	8	A.M.
First Q'rter.	17	6	12	A.M.
Full Moon...	25	11	24	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Mo.	7	29	4	38	10	16
2	Tu.	7	29	4	39	11	20
3	We.	7	29	4	40	MORN	
4	Th.	7	29	4	41	0	26
5	Fr.	7	29	4	42	1	35
6	Sa.	7	29	4	43	2	48
7	♑	7	29	4	44	4	4
8	Mo.	7	28	4	45	5	20
9	Tu.	7	28	4	46	6	35
10	We.	7	28	4	47	SETS	
11	Th.	7	28	4	48	6	10
12	Fr.	7	27	4	49	7	27
13	Sa.	7	27	4	51	8	42
14	♑	7	26	4	52	9	54
15	Mo.	7	26	4	53	11	2
16	Tu.	7	26	4	54	MORN	
17	We.	7	25	4	55	0	7
18	Th.	7	25	4	57	1	10
19	Fr.	7	24	4	58	2	13
20	Sa.	7	24	4	59	3	15
21	♒	7	23	5	0	4	16
22	Mo.	7	22	5	1	5	14
23	Tu.	7	22	5	3	6	8
24	We.	7	21	5	4	6	56
25	Th.	7	20	5	5	RISES	
26	Fr.	7	19	5	6	6	3
27	Sa.	7	18	5	7	7	7
28	♓	7	18	5	9	8	11
29	Mo.	7	17	5	10	9	14
30	Tu.	7	16	5	11	10	18
31	We.	7	15	5	12	11	25

FEBRUARY.

Moon's Phases.

	Day.	h	m	
Last Q'rter.	2	4	20	A.M.
New Moon...	8	8	2	P.M.
First Q'rter.	16	0	34	A.M.
Full Moon...	24	5	6	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Th.	7	14	5	14	MORN	
2	Fr.	7	13	5	15	0	33
3	Sa.	7	12	5	17	1	45
4	♓	7	11	5	18	2	59
5	Mo.	7	10	5	19	4	12
6	Tu.	7	9	5	20	5	21
7	We.	7	7	5	22	6	22
8	Th.	7	6	5	23	SETS	
9	Fr.	7	5	5	24	6	14
10	Sa.	7	4	5	25	7	28
11	♈	7	2	5	27	8	40
12	Mo.	7	1	5	28	9	50
13	Tu.	6	59	5	30	10	57
14	We.	6	58	5	31	MORN	
15	Th.	6	57	5	32	0	1
16	Fr.	6	55	5	33	1	5
17	Sa.	6	54	5	35	2	7
18	♉	6	52	5	36	3	6
19	Mo.	6	51	5	37	4	2
20	Tu.	6	50	5	38	4	53
21	We.	6	48	5	39	5	37
22	Th.	6	47	5	41	6	14
23	Fr.	6	45	5	42	RISES	
24	Sa.	6	44	5	43	6	1
25	♊	6	42	5	44	7	5
26	Mo.	6	41	5	46	8	10
27	Tu.	6	39	5	47	9	17
28	We.	6	37	5	48	10	25
29	Th.	6	36	5	50	11	36

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MARCH.

Moon's Phases.

	Day.	h	m	
Last Q'rter.	2	1	38	P.M.
New Moon...	9	7	3	A.M.
First Q'rter.	16	8	35	P.M.
Full Moon...	24	7	53	P.M.
Last Q'rter.	31	8	41	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Fr.	6	34	5	51	MORN	
2	Sa.	6	32	5	52	0	49
3	♊	6	31	5	53	2	1
4	Mo.	6	29	5	55	3	9
5	Tu.	6	28	5	56	4	10
6	We.	6	26	5	57	5	2
7	Th.	6	24	5	58	5	46
8	Fr.	6	23	5	59	6	20
9	Sa.	6	21	6	0	SETS	
10	♋	6	20	6	1	7	28
11	Mo.	6	18	6	2	8	38
12	Tu.	6	16	6	3	9	45
13	We.	6	14	6	4	10	50
14	Th.	6	13	6	6	11	54
15	Fr.	6	11	6	7	MORN	
16	Sa.	6	9	6	8	0	56
17	♌	6	7	6	9	1	54
18	Mo.	6	5	6	10	2	47
19	Tu.	6	4	6	12	3	34
20	We.	6	2	6	13	4	14
21	Th.	6	0	6	14	4	48
22	Fr.	5	58	6	15	5	17
23	Sa.	5	57	6	16	5	45
24	♍	5	55	6	17	RISES	
25	Mo.	5	54	6	18	7	6
26	Tu.	5	52	6	19	8	15
27	We.	5	50	6	20	9	26
28	Th.	5	49	6	21	10	40
29	Fr.	5	47	6	23	11	52
30	Sa.	5	46	6	24	MORN	
31	♎	5	44	6	25	1	2

APRIL.

Moon's Phases.

	Day.	h	m	
New Moon...	7	6	41	P.M.
First Q'rter.	15	4	21	P.M.
Full Moon...	23	7	47	A.M.
Last Q'rter.	30	2	31	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Mo.	5	42	6	26	2	5
2	Tu.	5	40	6	27	3	0
3	We.	5	39	6	28	3	44
4	Th.	5	37	6	29	4	20
5	Fr.	5	35	6	30	4	51
6	Sa.	5	33	6	31	5	18
7	♎	5	32	6	32	SETS	
8	Mo.	5	30	6	34	7	28
9	Tu.	5	29	6	35	8	33
10	We.	5	27	6	36	9	39
11	Th.	5	25	6	37	10	43
12	Fr.	5	24	6	38	11	44
13	Sa.	5	22	6	39	MORN	
14	♏	5	21	6	40	0	39
15	Mo.	5	19	6	41	1	28
16	Tu.	5	17	6	42	2	10
17	We.	5	16	6	43	2	47
18	Th.	5	14	6	45	3	19
19	Fr.	5	13	6	46	3	47
20	Sa.	5	11	6	47	4	13
21	♐	5	9	6	48	4	36
22	Mo.	5	8	6	49	5	0
23	Tu.	5	6	6	50	RISES	
24	We.	5	5	6	51	8	24
25	Th.	5	3	6	52	9	40
26	Fr.	5	2	6	53	10	53
27	Sa.	5	1	6	54	MORN	
28	♑	4	59	6	55	0	1
29	Mo.	4	58	6	56	0	59
30	Tu.	4	57	6	57	1	46

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MAY.

Moon's Phases.

	Day.	h	m	
New Moon...	7	7	28	A.M.
First Q'rter.	15	10	15	A.M.
Full Moon...	22	5	18	P.M.
Last Q'rter.	29	8	22	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	We.	4	56	6	58	2	24
2	Th.	4	54	6	59	2	56
3	Fr.	4	53	7	1	3	23
4	Sa.	4	51	7	2	3	48
5	☽	4	50	7	3	4	12
6	Mo.	4	49	7	4	4	36
7	Tu.	4	48	7	5	sets	
8	We.	4	46	7	6	8	30
9	Th.	4	45	7	7	9	32
10	Fr.	4	44	7	8	10	30
11	Sa.	4	43	7	9	11	22
12	☽	4	42	7	10	morn	
13	Mo.	4	41	7	11	0	7
14	Tu.	4	40	7	12	0	46
15	We.	4	39	7	13	1	19
16	Th.	4	38	7	14	1	47
17	Fr.	4	37	7	15	2	12
18	Sa.	4	37	7	16	2	37
19	☽	4	36	7	17	3	1
20	Mo.	4	35	7	18	3	26
21	Tu.	4	34	7	19	3	54
22	We.	4	33	7	20	4	24
23	Th.	4	33	7	20	rises	
24	Fr.	4	32	7	21	9	47
25	Sa.	4	31	7	22	10	50
26	☽	4	30	7	23	11	43
27	Mo.	4	30	7	24	morn	
28	Tu.	4	29	7	25	0	25
29	We.	4	29	7	26	0	59
30	Th.	4	28	7	27	1	28
31	Fr.	4	28	7	28	1	54

JUNE.

Moon's Phases.

	Day.	h	m	
New Moon...	5	9	33	P.M.
First Q'rter.	14	1	29	A.M.
Full Moon...	21	1	7	A.M.
Last Q'rter.	27	3	37	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Sa.	4	27	7	28	2	17
2	☽	4	27	7	29	2	39
3	Mo.	4	26	7	29	3	4
4	Tu.	4	26	7	30	3	31
5	We.	4	26	7	31	4	2
6	Th.	4	26	7	31	sets	
7	Fr.	4	25	7	32	9	17
8	Sa.	4	25	7	32	10	5
9	☽	4	25	7	33	10	46
10	Mo.	4	25	7	34	11	20
11	Tu.	4	25	7	34	11	49
12	We.	4	24	7	35	morn	
13	Th.	4	24	7	35	0	15
14	Fr.	4	24	7	36	0	40
15	Sa.	4	24	7	36	1	3
16	☽	4	24	7	36	1	25
17	Mo.	4	25	7	37	1	50
18	Tu.	4	25	7	37	2	19
19	We.	4	25	7	37	2	53
20	Th.	4	25	7	37	3	36
21	Fr.	4	25	7	37	rises	
22	Sa.	4	26	7	38	9	33
23	☽	4	26	7	38	10	21
24	Mo.	4	26	7	38	11	0
25	Tu.	4	26	7	38	11	30
26	We.	4	27	7	38	11	57
27	Th.	4	27	7	38	morn	
28	Fr.	4	28	7	38	0	22
29	Sa.	4	28	7	38	0	46
30	☽	4	28	7	38	1	11

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JULY.

Moon's Phases.

	Day.	h	m	
New Moon...	5	0	35	P.M.
First Q'rter.	13	1	58	P.M.
Full Moon...	20	8	3	A.M.
Last Q'rter.	27	1	28	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Mo.	4	29	7	38	1	37
2	Tu.	4	29	7	38	2	6
3	We.	4	30	7	38	2	39
4	Th.	4	30	7	38	3	20
5	Fr.	4	31	7	38	sets	
6	Sa.	4	32	7	37	8	45
7	☽	4	32	7	37	9	21
8	Mo.	4	33	7	36	9	52
9	Tu.	4	34	7	36	10	18
10	We.	4	35	7	35	10	43
11	Th.	4	36	7	35	11	6
12	Fr.	4	36	7	34	11	29
13	Sa.	4	37	7	34	11	52
14	☽	4	38	7	33	morn	
15	Mo.	4	39	7	32	0	19
16	Tu.	4	40	7	32	0	49
17	We.	4	40	7	31	1	25
18	Th.	4	41	7	31	2	12
19	Fr.	4	42	7	30	3	11
20	Sa.	4	43	7	29	rises	
21	☽	4	44	7	28	8	54
22	Mo.	4	44	7	28	9	29
23	Tu.	4	45	7	27	9	59
24	We.	4	46	7	26	10	25
25	Th.	4	47	7	25	10	49
26	Fr.	4	48	7	24	11	13
27	Sa.	4	49	7	23	11	39
28	☽	4	50	7	22	morn	
29	Mo.	4	51	7	21	0	7
30	Tu.	4	52	7	20	0	40
31	We.	4	53	7	19	1	19

AUGUST.

Moon's Phases.

	Day.	h	m	
New Moon...	4	3	55	A.M.
First Q'rter.	12	0	2	A.M
Full Moon...	18	3	3	P.M
Last Q'rter.	25	2	45	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R & S. h	Moon R & S. m
1	Th.	4	54	7	18	2	4
2	Fr.	4	55	7	17	2	54
3	Sa.	4	56	7	16	3	50
4	☽	4	57	7	15	sets	
5	Mo.	4	58	7	14	8	23
6	Tu.	4	59	7	12	8	47
7	We.	5	0	7	11	9	10
8	Th.	5	1	7	10	9	32
9	Fr.	5	2	7	9	9	55
10	Sa.	5	3	7	7	10	20
11	☽	5	4	7	6	10	47
12	Mo.	5	5	7	4	11	19
13	Tu.	5	6	7	3	morn	
14	We.	5	7	7	1	0	0
15	Th.	5	8	7	0	0	52
16	Fr.	5	9	6	58	1	56
17	Sa.	5	10	6	57	3	10
18	☽	5	11	6	55	rises	
19	Mo.	5	12	6	54	7	56
20	Tu.	5	13	6	52	8	24
21	We.	5	15	6	51	8	50
22	Th.	5	16	6	49	9	15
23	Fr.	5	17	6	48	9	41
24	Sa.	5	18	6	46	10	8
25	☽	5	19	6	45	10	39
26	Mo.	5	20	6	43	11	16
27	Tu.	5	21	6	42	11	59
28	We.	5	22	6	40	morn	
29	Th.	5	23	6	38	0	48
30	Fr.	5	24	6	37	1	43
31	Sa.	5	25	6	35	2	42

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SEPTEMBER.

Moon's Phases.

	Day.	h	m	
New Moon...	2	7	3	P.M.
First Q'rter.	10	8	13	A.M.
Full Moon...	16	11	14	P.M.
Last Q'rter.	24	7	31	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	♍	5	26	6	34	3	43
2	Mo.	5	27	6	32	4	46
3	Tu.	5	28	6	30	SETS	
4	We.	5	29	6	28	7	38
5	Th.	5	30	6	27	7	59
6	Fr.	5	31	6	25	8	22
7	Sa.	5	32	6	23	8	49
8	♎	5	33	6	21	9	19
9	Mo.	5	34	6	20	9	56
10	Tu.	5	35	6	18	10	43
11	We.	5	36	6	17	11	40
12	Th.	5	37	6	15	MORN	
13	Fr.	5	38	6	13	0	48
14	Sa.	5	39	6	11	2	4
15	♎	5	41	6	10	3	23
16	Mo.	5	42	6	8	4	41
17	Tu.	5	43	6	6	RISES	
18	We.	5	44	6	4	7	12
19	Th.	5	45	6	2	7	39
20	Fr.	5	45	6	1	8	6
21	Sa.	5	46	5	59	8	36
22	♎	5	47	5	57	9	11
23	Mo.	5	48	5	55	9	52
24	Tu.	5	49	5	53	10	39
25	We.	5	51	5	52	11	33
26	Th.	5	52	5	50	MORN	
27	Fr.	5	53	5	48	0	31
28	Sa.	5	54	5	46	1	32
29	♎	5	55	5	45	2	35
30	Mo.	5	57	5	43	3	39

OCTOBER.

Moon's Phases.

	Day.	h	m	
New Moon...	2	9	40	A.M.
First Q'rter.	9	3	13	P.M.
Full Moon...	16	9	44	A.M.
Last Q'rter.	24	3	3	A.M.
New Moon...	31	11	38	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Tu.	5	58	5	42	4	42
2	We.	5	59	5	40	5	45
3	Th.	6	0	5	38	SETS	
4	Fr.	6	1	5	36	6	53
5	Sa.	6	2	5	35	7	22
6	♎	6	3	5	33	7	56
7	Mo.	6	4	5	31	8	38
8	Tu.	6	5	5	29	9	31
9	We.	6	6	5	28	10	34
10	Th.	6	8	5	26	11	45
11	Fr.	6	9	5	25	MORN	
12	Sa.	6	10	5	23	1	2
13	♎	6	11	5	21	2	19
14	Mo.	6	12	5	20	3	33
15	Tu.	6	14	5	18	4	48
16	We.	6	15	5	17	RISES	
17	Th.	6	16	5	15	6	4
18	Fr.	6	17	5	14	6	33
19	Sa.	6	18	5	12	7	6
20	♎	6	19	5	11	7	45
21	Mo.	6	20	5	9	8	30
22	Tu.	6	21	5	8	9	21
23	We.	6	22	5	6	10	18
24	Th.	6	24	5	5	11	19
25	Fr.	6	25	5	3	MORN	
26	Sa.	6	27	5	2	0	21
27	♎	6	28	5	0	1	24
28	Mo.	6	29	4	59	2	26
29	Tu.	6	30	4	58	3	30
30	We.	6	32	4	56	4	35
31	Th.	6	33	4	55	5	42

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NOVEMBER.

Moon's Phases.

	Day.	h	m	
First Q'rter.	7	10	1	P.M.
Full Moon...	14	11	18	P.M.
Last Q'rter.	22	11	55	P.M.
New Moon...	30	0	44	P.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	Fr.	6	34	4	54	SETS	
2	Sa.	6	35	4	53	5	54
3	♎	6	36	4	52	6	35
4	Mo.	6	38	4	50	7	25
5	Tu.	6	39	4	49	8	26
6	We.	6	40	4	48	9	36
7	Th.	6	41	4	47	10	51
8	Fr.	6	42	4	46	MORN	
9	Sa.	6	44	4	44	0	6
10	♎	6	45	4	43	1	21
11	Mo.	6	46	4	42	2	33
12	Tu.	6	47	4	41	3	44
13	We.	6	48	4	40	4	54
14	Th.	6	50	4	40	6	4
15	Fr.	6	51	4	39	RISES	
16	Sa.	6	52	4	38	5	39
17	♎	6	53	4	37	6	22
18	Mo.	6	54	4	36	7	11
19	Tu.	6	56	4	36	8	6
20	We.	6	57	4	35	9	6
21	Th.	6	58	4	34	10	7
22	Fr.	6	59	4	33	11	9
23	Sa.	7	0	4	33	MORN	
24	♎	7	2	4	32	0	11
25	Mo.	7	3	4	32	1	13
26	Tu.	7	4	4	31	2	17
27	We.	7	5	4	31	3	22
28	Th.	7	6	4	30	4	29
29	Fr.	7	8	4	30	5	41
30	Sa.	7	9	4	29	6	57

DECEMBER.

Moon's Phases.

	Day.	h	m	
First Q'rter.	7	5	46	A.M.
Full Moon...	14	8	54	P.M.
Last Q'rter.	22	8	21	P.M.
New Moon...	30	0	46	A.M.

D. of M.	Day of Week	Sun Rises h	Sun Rises m	Sun Sets. h	Sun Sets. m	Moon R. & S. h	Moon R. & S. m
1	♎	7	10	4	29	SETS	
2	Mo.	7	11	4	29	6	15
3	Tu.	7	12	4	29	7	24
4	We.	7	13	4	28	8	39
5	Th.	7	14	4	28	9	56
6	Fr.	7	15	4	28	11	12
7	Sa.	7	16	4	28	MORN	
8	♎	7	17	4	28	0	24
9	Mo.	7	17	4	28	1	34
10	Tu.	7	18	4	28	2	43
11	We.	7	19	4	28	3	51
12	Th.	7	20	4	28	5	0
13	Fr.	7	21	4	28	6	7
14	Sa.	7	21	4	29	7	13
15	♎	7	22	4	29	RISES	
16	Mo.	7	23	4	29	5	56
17	Tu.	7	24	4	29	6	55
18	We.	7	24	4	30	7	56
19	Th.	7	25	4	30	8	58
20	Fr.	7	25	4	31	9	59
21	Sa.	7	26	4	31	10	59
22	♎	7	26	4	32	MORN	
23	Mo.	7	27	4	32	0	1
24	Tu.	7	27	4	33	1	4
25	We.	7	28	4	33	2	9
26	Th.	7	28	4	34	3	17
27	Fr.	7	28	4	35	4	30
28	Sa.	7	28	4	36	5	45
29	♎	7	29	4	36	6	58
30	Mo.	7	29	4	37	SETS	
31	Tu.	7	29	4	38	6	18

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MONEY ORDER POST OFFICES are established in most of the large cities and towns, at which orders can be obtained upon any other office, at the following *rates of commission*:

On orders not exceeding $20	10 cents.
Over $20 and not exceeding $30	15 "
Over $30 " " $40	20 "
Over $40 " " $50	25 "

No single order issued for less than one dollar nor more than fifty dollars. Parties desiring to remit larger sums must obtain additional money orders.

A very busy day in the city.

Jan 1st Drawing Room held by Lee Scott[illegible] a Second time with Charlie Carter The ground is entirely bare and the weather decidedly chilly and wet.

Boom at a Breakfast Islandica & Island an X O Nights Serenade in very strange fashion. Awoke with the band stationed with black

[illegible]

WEDNESDAY, JANUARY 3, 1872.

[illegible] letter from [illegible]
[illegible] evidently run off a box
[illegible] that he had
[illegible] I handed them
[illegible] the messages and
[illegible] then went up to town.
[illegible] evening at a meeting
[illegible] Nat. Hist. Society
[illegible] appointed assistant
[illegible] Mr. Skinner on
[illegible]

THURSDAY 4

Beautiful am X B. Icelandica
in my orchard
Worried all the P. M.
on Atlas Sarah
& made the hill all
trip by dark.

FRIDAY, JANUARY 5, 1872.

Cloudy ground still bare.
P. M. took a drive
up through Belmont &
Watertown & a fine drive we had.
In the evening went to a
party at the Washburns
and had a very fine time
Spent most of the evening
with Miss Molly Wyman
whom I found very pleasant.

SATURDAY 6

SUNDAY, JANUARY 7, 1872.

Very cold. Thr. 0 at
Rochester. Spent the
day [illegible] with Mrs. Hastings
Rich [illegible] Methodist
Method.

MONDAY 8

In the afternoon went
down to the Sr. Scotts
with Dr. Bruce and
took home a box of
Ostendar to work up.

TUESDAY, JANUARY 9, 1872.

Clear and warm.
In the evening called
on Carrie Hayes and
had a very pleasant
time.

WEDNESDAY 10

Clear and a windy day.
Went into the city early &
had two teeth filled,
In the evening called
down to see W. D. Scott

Tinnetta magna, flock of
25 seen by R. Deane in Rochester

Cloudy & warm,

In the afternoon went out to the pond shooting & found three Mockingbirds with us. In the afternoon. Ice has not very good hold of Crackers pretty.

In the morning went down to Capt Lewis. and found a pleasant evening with him.

FRIDAY 12

Herbert Gardner came out in the forenoon & 2.30 and in the afternoon we took a ride out through Belmont, then near a cedar grove we saw two, Robins & a Cedar bird.

Just after dinner went to the Visitors dep. In the evening John & Charlie came & Scott also called.

Spring migrations two with a song sparrow

Herbert Gardner came in with me and did him good I guess. Probably, for the last time.

In the market found three or four Indian Old Squaws that were put up with some Whistlers from Providence R.I.

Chry. tristis, large flock in Field p. grown, 4 Spec. det W.D.Scott

Harld. glacialis, 3 ind. fr. Providence R.I.

SUNDAY 14

Clear and cold. Ther. 20° - 15° - 40°. Ground entirely bare everywhere. In the afternoon drove out to Brookline with Mr. J. Nott to see a pointer belonging to Mr. Boardman. Was introduced to Mr. B. & found him a plain & pleasant but very pleasant & gentlemanly individual. He starts for Florida Sunday morning. His dog is a very handsome red & white but not very well trained

Clear cold & still
Ther. 0°— 20°. 100,

Jas. P. M. went up
to "the Head" skating.
Found the ice very
good and a number
of the fellows there.
Skated till 6-30,
Monty Jones with us.
Afterwards eyed off his
Aunt that's

TUESDAY 16

Cloudy & snowing a little
part of the day.
In the afternoon I mended
a pair of Mark's skates
and went with him
& Lord with Mrs. James
and Winfield over
to Mrs
John Vicker's Wife to carin
Mary to a coffee party
at Lyman Hall in
the evening. Both called
for me but I did not feel like
to go

Cloudy & about an inch of snow
fell. Returned the Scriptures to the
Society & took out a Bible & Psalms
& list of Scriptures recommended
Left the Bible with
Jas P. M. and a Book up
to Mr Brady with a Hymn
& Prayer and
In the evening went up
to Mr Roland Nichols &
Charlie

Clear & pleasant winter
day. Ther. 20°— 35°.
18°

In the afternoon went
down to the Pier Island,
Jas. P. carrying a gun
down to collect and
collect. To the Dick Station
Run in Watertown by R. Deans.
Collyrio Cor. one Cyanura cris
two flocks, Melospiza melodia
two Salop & the U.S. Return two
Spizella Socialis, two flocks.

Stur. magna, two very dark from
Zero, [illegible] 2 x 1'
the market Bon Hamilton Yard.

Clear and a lovely day.
The ground is still Cold and
the weather warm for winter
not for the last week below
20° farenheit: usually up to
35° at noon. The birds are
daily becoming more numer-
ous & more tame & busy: robins
Blue. bat. & Pewees etc. in our
yard almost daily. Am
told that the white Bat.
is occasionally already begin-
to leave Northward!

Eggers And. Parry Stock on mark
Sow a Lawns agen. Come
down to the ice with skeleton
drift his feet & slight closing
his wings & with out a single flap

TUESDAY, JANUARY 23, 1872.

Clear & cool. Thermt
midnight 16°.

Attended the 3rd Assembly
with Dan'l. Nutter & we
got partners but stayed
but thirty of dancing Gentlemen
were introduced to
Miss Lucy Barrett Miss Belle
Richardson & Miss Sarah
Miss Mary Longfellow of
Portland Me.

WEDNESDAY 24

THURSDAY, JANUARY 25, 1872.

In P. M. took my boy
& Picidad down to
Dr. Powers's and we
worked up a number of
the mutilated ones.

FRIDAY 26

Rain still & pleasant.
Took the 1 P. M. train
for Boston from Porter's
meeting House on the
platform. In the evening
went to a Sociable at the
town hall. Had a very
pleasant time. Waltzed
with Miss F. Hubbard with
Miss Lang & with Miss Belle
Hoar. Not so many were
there as last year but
altogether it was very pleasant

SATURDAY, JANUARY 27, 1872.

Rebits letter pups & which
I am worried for was
born this morning then
I each sex: the kitchens
the drowned

SUNDAY 28

MONDAY, JANUARY 29, 1872.

TUESDAY 30

Clear and cold.
In the afternoon went with
Dan'l to the Boston Museum.
to see the Silver Spoon.
Warren's great play but was
not very much Italian
throughout. In the evening went
down to Miss Fay's party and
was introduced to Mrs Cole
Miss Grunwich, Miss Thayer
& Miss Borden, spent most
of the evening with the
latter & found her very pleasant

SUNDAY, FEBRUARY 4, 1872.

MONDAY 5

TUESDAY, FEBRUARY 6, 1872.

WEDNESDAY 7

THURSDAY, FEBRUARY 8, 1872.

Went to town to get
Hems cut them in
[illegible] with Fanny.

SATURDAY, FEBRUARY 10, 1872.

FRIDAY 9

Went to an auction
& [illegible] at Leonards
bought two vases on
Lake George @ 30.50.
and four or five
[illegible] things.

SUNDAY 11

MONDAY, FEBRUARY 12, 1872.

TUESDAY 13

Father arrived on to
New York this evening

WEDNESDAY, FEBRUARY 14, 1872

THURSDAY 1

Father left Cincinnati
N. York at 6 this afternoon

FRIDAY, FEBRUARY 16, 1872.

Went to a meeting to be held at Concord. Dined till 1.30 and took the cars, & had a good ride ... Evidences of ... Services of Rev. H. G. Weed & wife with Mr. J. Howard and Mrs Hartford. Music Bro. in Providence and, and very good.

SATURDAY 17

SUNDAY, FEBRUARY 18, 1872.

MONDAY 19

TUESDAY, FEBRUARY 20, 1872.

WEDNESDAY 21.

THURSDAY, FEBRUARY 22, 1872

Went out at Concord with
Jim, Charlie & Mr Farley Gay
as follows

Easter

Brown 1 Rabbit 3. Uncle Brown
1. Rabbit 1, Farley Rabbit 2,
Brewster Brown 2 Rabbit 3.
Total Gun 4 Rabbit 9. and
Grey Squirrel 1.

FRIDAY 23.

In the evening went to
a social party at Miss
Molly Wyman's & had a
very pleasant time
Was introduced to Miss
Shaw. Sister Conrad Hagar
sent to Nelson and
spent most of the morning
by Conversation with J
Nel.

SATURDAY, FEBRUARY 24, 1872.

SUNDAY 25

MONDAY, FEBRUARY 26, 1872

TUESDAY 27

WEDNESDAY, FEBRUARY 28, 1872

FRIDAY, MARCH 1, 1872.

THURSDAY 29

SATURDAY

Went to a large "German"
at Miss Hastings'. Danced
with Miss Matteson a French
refugee 4 hours. I found
her both talkative and
intelligent though she
spoke but indifferent English.
She also was very Cruised
and Surprised Everything
but Cattle. Went home
with Mrs. H.

SUNDAY, MARCH 3, 1872.

MONDAY 4

TUESDAY, MARCH 5, 1872.

WEDNESDAY 6

THURSDAY, MARCH 7, 1872.

FRIDAY 8

SATURDAY, MARCH 9, 1872

SUNDAY 10

MONDAY, MARCH 11, 1872.

TUESDAY 12

WEDNESDAY, MARCH 13, 1872.

THURSDAY 14

FRIDAY, MARCH 15, 1872.

SATURDAY 16

Got my letter back of
Norbit to day. Bought
him @ 20,00 for it this
provincial price to be 25,00
["Shot" at this orange white
Sellis was named, tumped
out well... I took infinite
pains with his training
& he was undoubtedly the
best Bred dog I have
ever owned. He had a
keen nose, was very fleet
& most untiring; a fine
retriever, the best, and fault
was rare & trifle afraid!
at times!]

SUNDAY, MARCH 17, 1872

MONDAY 18

TUESDAY, MARCH 19, 1872.

WEDNESDAY 20

THURSDAY, MARCH 21, 1872.

FRIDAY 22

SATURDAY, MARCH 23, 1872.

SUNDAY 24

MONDAY, MARCH 25, 1872.

Took a ride with Henry
on P. M. and killed a
Red wing at about 80 yds.
out of decoys. Drove in to
a very fine addn. B. hirundo
in a field & missed a flying
shot at him.

Turdus migra. large arrival.
Sialia sialis Several seen at diff. points
Anas Boschas, three or four with
Aegialaus Phoenicurus twenty five or
more all ♂ in full song.

TUESDAY 26

Met a Mr. Lee in Sonk's
shop who had just shot
a fine adult Melanerpes
Erythrocephalus on the shore
of Fresh pond and on going
with Goodgiks saw the bird
& the flesh.

WEDNESDAY, MARCH 27, 1872.

THURSDAY 28

FRIDAY, MARCH 29, 1872.

SATURDAY 30

SUNDAY, MARCH 31, 1872

MONDAY, APRIL 1

TUESDAY, APRIL 2, 1872.

Fair. Ma [illegible] dimly
[illegible] in flocks [illegible]
Junco hyemalis, quite abdt.

WEDNESDAY 3

Six Sparrows, abdant at Concord
Fring. obscura two " "
Passerculus savanna one " "
Ectoph. cornuta, flock " "
Accip. Cooperi one " "
Circus Hudsonius, abdant " "
Picus pubescens, single bird
at Willey's. H. Thaxter.
Corvus Am. the bright J
the migration is passing N.

Wood Duck 3 (2♀, 1♂)

Carfoodaeus Jur gen árrúrat
Fandion Car. ðru
Anas obscura, Aural flocks

Hirundo riparia, ore
Turnus rufus ♀ flavescens adult,
& at the Ft. of St. Thomas
Sayornis [illegible], S. Phoebe,

Gallinago Wilsonii Bd.
Snipe
Tringa guttata Tem first seen
by R.D.

Gallinago Wilsonii, ore sent by
Dr. Hart
Ardea Herodias, Great Blue Heron
Hirundo riparia, Bank Swallow
Gallinago Wilsonii, ore

MONDAY, APRIL 8, 1872.

TUESDAY 9

Heard much of the day.
Went down & heard A.
with Dr. Lee

Hydra, monthly one at Concord
Gregorii Furcae, two miles
Crucis two miles in
[illegible]

L. Degree Sheldrake 2, W. B.
Sheldrake 2 Crow 1

WEDNESDAY, APRIL 10, 1872.

THURSDAY 11

Cerylle alcyon, Linn. J. 1
Heard Rana hyperica and
Hyla Pickeringii for the
first time.

Poor ice in sight this
morning with a mile of
the [illegible] Saw the first Hemiera antiopa
[illegible]

[illegible] Viola palustris, general, [illegible]

[illegible] to [illegible] Cousin, Jane, Children [illegible] Viola pennata [illegible] by R. D. and that they may then [illegible] [illegible] and the B. meadows for Susan the ground is still frozen [illegible]

SATURDAY 13

Dendroica plumarius, & shot.

Engaged Snider & Herbert and H & W. H. Scott shot on marsh [illegible].

D. ~~[illegible]~~

J. planted, one bed in the garden.

D. [illegible] saw one R. P. Powder grain flock of twenty remain in apple tree & all day in Concord

Phy. [illegible] & Virginia Rail [illegible] Sandpiper [illegible] Common Tern [illegible]

TUESDAY, APRIL 16, 1872.

Gathering Wds. R. Leaves
Started Skeleton, 11 ; Ten Pr
Arrived Madeira

WEDNESDAY 17

Pinilla pinnilla Two
Rattlers Coiled on the Road
Rattles indistinct, much Twisty.
Bodies Circular N.E. Shot and left
Found the day on the
Island Madeira Entry
Church Cactus Genl

Smith Miss, 6

THURSDAY, APRIL 18, 1872.

Pinilla Pc. Gen Arrival.
" pinilla " " at Funchal

FRIDAY 19

In the afternoon went up
on the Belmont Mountain
and killed a single Rattle
of last Night
Killed, skinned with
Very Hungry and had
a very pleasant time. Was intro-
duced to a Miss Carol of
the

Snipe 1

SATURDAY, APRIL 20, 1872.

SUNDAY 21

MONDAY, APRIL 22, 1872.

TUESDAY 23

WEDNESDAY, APRIL 24, 1872.

Cathartus Sulcicollis Th.

Carpod. fraxinus. first 5 days floating in air

Strips 2

THURSDAY 25

Harpalus Rufipes, Deg. in Bd. R. H. Lecontella Oberea

Platynus Cincticollis Say. Bd. R. H. Lecontella Oberea

Carpod. fraxinus. first 5 days floating in air

Strips 2

FRIDAY, APRIL 26, 1872.

SATURDAY 27 Harp. rufipes & L.

Dem. discors flair in swamps R. H.

Emp. minimus one at Bd. and at Camb.

Lon. albicollis, Gen. arc. 5 days

Phan. sulcicollis, single Bd. Camb.

Dend. coronata & palmarum, flock of both species up to forty or fifty evenings.

Hyphotriorchis columb. shot a ♀

Accip. fuscus, Bard and Penn. at 5 and a brace from Bd. some getting home at 10. Started from Camb. 5 Hair 15, at Gra- rieus 1 Fr. Virginia Carolina 6 singing R. H.

Sunday, April 28, 1872.

Monday 29

Paula Ann. Shot a ô.
D. cuniata & D. galeanensis, the
country is actually filled with
them.

Tuesday, April 30, 1872

Wednesday, May 1

Scol. ferruginus, numbers at
Concord.

Scaphiopus 3. S. Holbrookii Scaphiopus 2

THURSDAY, MAY 2, 1872.

FRIDAY 3

SATURDAY, MAY 4, 1872

SUNDAY 5

MONDAY, MAY 6, 1872.

Lt. Ely. organizes two R.A. in Brickyard Encamp.
Gunners Endorse to Belmont.
Gun two by W.
Rec'd at 4.30 P.M. last U.S. Transports for Camp Hatch &c. Mist Gun. Mist Gun Right with "Buck & Ball" also 2nd R. Gunner Left.
Near Belmont came very near getting a Confederate Battle Flag &c. Road directly & [illegible] range of an approaching Gun.
Camp 1 — Rails 3

TUESDAY 7

Gen Gordon marched [illegible]
Gallinipo Wilderness shot single Bird at Wayland & another near Fish pond, three first the last. Drew up to Wayland with Nabit & Col Manning & Staff Boat for Camp a low, dim in rain but not unhealthy spot in which I shall. Got room by 2 P.M. Gen Gordon went up on the Steamer & shot on Arkansas Creek
[illegible]
Camp 1

WEDNESDAY, MAY 8, 1872.

Gun 82
Work rec'd & rounding occasional probably getting my feet too much yesterday. Sprained the day in the horn
Div. Gordon & Staff, [illegible]
Sctns battalion. 1 & singing in morning. 4 in rainy road at field & in afternoon. Cherry trees just beginning to open in sheltered places. also seen at Grantville
Had one of Hg Brewster sent out to visit to day by Dr. Brewer from Baird. Vis. Hart & Read

6 THURSDAY 9.

Sections collecting & in camp
Dead Austria, Brig Carrying
in the guns for
first time [illegible]
Brig. Gordon & Staff in
Camp the first large Dragon fly
to day also the large Humble bee
Still sick in the horn, now
troubled by weakness of the
[illegible]
Shot in bricking [illegible]
[illegible]
[illegible]
By estimate, not 3/4 mile
by estimate, 1/2 Weather
Camp 1 Grant. Lt. Christ. & Grant
& Cambrick the 11th

FRIDAY, MAY 10, 1872.

Coccyzus erythrop. 1 in garden
Mel. Lineatus, one adult seen
in our garden.

SATURDAY 11

SUNDAY, MAY 12, 1872.

MONDAY 13

TUESDAY, MAY 14, 1872.

WEDNESDAY 15

THURSDAY, MAY 16, 1872.

FRIDAY 17

SATURDAY, MAY 18, 1872

SUNDAY 19

MONDAY, MAY 20, 1872.

TUESDAY 21

Walked from Lincoln to
Concord with H. A. Parslin
Took 34

WEDNESDAY, MAY 22, 1872.

Keith spent the day &c. at
Hartwith with Hood.
Lon. Cubbeshaw's fil. 6
Dund. Castana 2 & 1 chocolate
" Blackburnian 2 6
Mil. Kingfisher 3 9 1 with another

Coccyzus Am. one shot Hartwith

THURSDAY 23

FRIDAY, MAY 24, 1872.

Dund. Blackburnian 2 6 1 } Hartwith
Emp. Flavirostris one
Lon. Canadensis sword 6 }
Dryo. 6 3, 21 and went
on with Dicky at Hartwith
fishing, my first 2 Kingfishers
& 2 Dr. Blackburnian

SATURDAY 25

SUNDAY, MAY 26, 1872.

R. Castanea ♂ in jacket.
in Cemetery
Went down to Scott in
S.H. and shrubs &
cuts — 1440 ships.

MONDAY 27

D. Castanea, par color &
pubescent 11 proportion
of & ♀ about 1 to 10 of
the tall in high open dark woods
(Magnolia) one,
D. Ilicifolia, Dwarf Evergreen,
the Cemetery & Lots Myrtle
etc there: Juniper upon
orchards Lot & from with R. ser.
in the valley.
Hill Juniper & maple, Hungary
Hayward. Ever. & Ivy.
Rose at 4.30 & went up south fence

TUESDAY, MAY 28, 1872.

Watertown Mass.

Dend. Spica' Went to Hunt & Bowditch
& Castanea D.B.D. on W.S.
all & recall that grow Teen
Coccyges Arn. is the Common
Cuckoo this year (1st Spec.
of Nov this afternoon. Other
birds in Cem. Cuc Cuc
Cuck Cuck, that if Erythrop.
Nimrod were attired and Cow
C.J.D. Which species Cuc Coo-Coo
have not yet determined.

WEDNESDAY 29

THURSDAY, MAY 30, 1872.

Decoration day. Started at
8 with Henry & tramped
till 3 when it commenced
raining & drove us home.
Shot 2 E. flav. 1 Hel. chrysop. 3
E. P. rubra, & Guinea hidden.

D. Hirsuta getting scarce.
E. Frailli, very well seen.
E. flavior. 3 at Grant. 2 in alder run.

FRIDAY 31

SATURDAY, JUNE 1, 1872.

Left 7.30 train for Bethel
Ac. Bartramius, pair
Nuts Gloucester Me.
Left home by Hitchcock's wife at 7 P.M.
Arrived 7.
Via Gilsons, Sand it-last to
Bethel.

SUNDAY 2

Poplar tawny Nursery
by cyanea, Mel. [illegible]
at I. Swamp, 1, G. [illegible]
E. Frailli 8 [illegible]
[illegible]
8. E. cyanea, M. trig & E. Frailli
Started at Saddleback Mt. & then
began H. fuscipennis numbers, & Nidorus Litigi-
osus after wig. Rel. crizen. went about
a mile North of Mt. & started. Got to Lake
at 12 M. Found D. hirsuta (all worn up) Rare,
Myiod. fusillus &

8. 1 P.M. & raining hard in air like 8 Ticks, was 9.

MONDAY, JUNE 3, 1872.

Clear & cool. Start'd out at 8
in Co. 12 with 8 G. [illegible] (1 ♀)
2 E. trailii 3 D. tigrina

Myiod. pruellus saw started
for the last time
L. striata, a few Prim. fields
E. alicia, a single spec. Hist.
D. tigrina ♀ with egg formid
Caught a trout wt. 1 ½ lb.

TUESDAY 4

Went out to Stone's farm.
Set in at 12 with 3 Cont.
Grenatis, 1 Myg. crinitus, 19.
Phil. Hall and S. Yc.

Myg. crinitus ♀.

WEDNESDAY, JUNE 5, 1872.

A cloudy stormy day
Set the screen door shot
around near the house
& got 4 Pieris brassicae
& 6 ♂ D. tigrina.

THURSDAY 6

Cloudy & misty. Set
the screen door as usual
& got 7 D. tigrina and
My first Hyl. pickeringii (distinct
not larger than double C. fit
Sh. Stone, described to me the
drumming of Tetrao Canadensis.
Male rises from ground and
flies up to a low limb, at an
angle of 45 deg. making a drum
mon thrice & sit to hear as
R. umbellus. Then flies down
to ground drumming again.

Clear and warm. Went out on Secondys' hill and took 5 D. Jubilads, 2 L. Fanny Hudson, & Thos. Tatlow finding from this Article and about ready to breed,

Rained hard & we did not get out at all.

TUESDAY, JUNE 11, 1872.

WEDNESDAY 12

THURSDAY, JUNE 13, 1872.

FRIDAY 14

Started for Lake at 4.30.
Breakfast at Bristol Junction,
Shot 8 to Philadelphia on
way down. Got into Boston
at 8 and rode out with
Charles. Found everything
all right.

Total expenses of trip $31.10

Unpacked in afternoon.

Pigeon shoot at Concord
14 shooters 190 odd birds.
Henry, Charlie Butler & I started
off on the early train with
the birds. Shoot commenced
at 1 and was finished by 4.30
I killed 9 out of 12 but one
in Journal. Henry killed
Henry killed about
don't know a number
Uh. Jay
shot with a good deal
Had my birds good.

Went up to Concord on the 1.21
train with Dan and Hunt the
evening with him on the Bird
The Moon was at its full the
night clear & still & everything calm
and beautiful. Went up to Jackson
& got to bed at 12. Heard Vesper Sparrows
& Chewinks sing. Singing ceased
at 11.30. Heard also at that time
Swainson's Thrush, Wilson's Thrush
& H. minutus and Song Sparrows
Whitethroats heard. does not sing after
dark. A. vespers sings in the woods
high up in the trees.

THURSDAY 20

SATURDAY

Called on Carrie Hayes
this evening and took
a walk about to the
Reservoir with her.

SUNDAY, JUNE 23, 1872

MONDAY 24

TUESDAY, JUNE 25, 1872.

WEDNESDAY 26

The 1st Jubilee Ball.

Dan came down in the afternoon & in the evening we went in to the Ball. Stayed from 9 to 1.30 A.M. Enjoyed the music much & was unable to get a chance to dance. Mabie waltz in the Egyptian Hall & Strauss "Egyptian Extravaganza" were the finest performances Danced last on the 28th train -

THURSDAY, JUNE 27, 1872.

FRIDAY 28

SATURDAY, JUNE 29, 1872.

Took the 2.10 train out to
Litchfield and attended a
Pigeon shoot on the Club
ground. Shot my shot and
everything went off well.
Started out at 10 (See score
in pencil) Took the 5.50
train back. Gathered up the
Crew down to Swamp Boat
this evening at 6 from Sunday
Played very fair game
which I won

SUNDAY 30

MONDAY, JULY 1, 1872.

TUESDAY 2

WEDNESDAY, JULY 3, 1872.

Woodcock 2

THURSDAY 4

FRIDAY, JULY 5, 1872.

Took a very cold while sitting out on the piazza last evening & this morning awoke to find my head dreadful sore on my shoulders with rheumatism & was confined entirely all day

SATURDAY 6

Melothrus fuscus, heard an adult male in garden

SUNDAY, JULY 7, 1872.

MONDAY 8

Still confined to the house by my stiff neck

Sitta Canadensis, heard one in our garden this morning

Got into the city to day.

The birds are still in full song through the morning & noon and well on evening

The season continues remarkably wet and we have a thunder shower nearly every afternoon.

M. Jones, hand ill. &.

In the afternoon, up to the Warren Swamp with Henry Tolson, & Sept for the first time. In very timid about range, and evidently too young to hunt. Shot at a Woodcock & Henry at a young Crow but not found either of the Shot & Skin bird for the Museum with which we returned well.

The return flight of Swallow birds has commenced.

In the orchard found a bunch of about 100 birds mostly Redwings Cowbirds Sparrows & Maryland Yellow throat &c. Light Rain during all night & forenoon but that I shouldn't work & had a large proportion of nests in the fields especially in regard to the fields [illegible] so much grass & fodder

SATURDAY, JULY 13, 1872.

SUNDAY 14

M. Jones 9 away cont.

MONDAY, JULY 15, 1872.

M. Jones, addt 6

TUESDAY 16

WEDNESDAY, JULY 17, 1872.

THURSDAY 18

FRIDAY, JULY 19, 1872.

SATURDAY 20

SUNDAY, JULY 21, 1872.

MONDAY 22

TUESDAY, JULY 23. 1872.

WEDNESDAY 24

English Bris. 1

THURSDAY, JULY 25, 1872.

Rusfield Brown 5.

FRIDAY 26

SATURDAY, JULY 27, 1872.

Danced the German with Miss Scott and had a pleasant time. Charlie Carter came down - this afternoon to spend Sunday with me.

SUNDAY 28

Church 2 5- Visited 1
Total 26 Visits

MONDAY, JULY 29, 1872.

Yellow Leg W

TUESDAY 30

Yellow Leg
Ruff Grouse

WEDNESDAY, JULY 31, 1872.

Went to ride with Miss May Scott in P. W. and had a very pleasant time.

THURSDAY, AUGUST 1

FRIDAY, AUGUST 2, 1872.

Dispatch / Wilkes Leg / Total 2

SATURDAY 3

SUNDAY, AUGUST 4, 1872.

MONDAY 5

Capitol Square /
Retail groceries /

TUESDAY, AUGUST 6, 1872.

C. Carter Esq. Ships /

WEDNESDAY 7

THURSDAY, AUGUST 8, 1872.

Heavy flight all day spec.
in P.M. Shot from 2 P.M
to T. King fisher 1
W.B. Summer yellow leg 18
Dowich 3
Grass bird (Avocet) 11
King rail 1
33
C. Carter. 15 Birds 15
D. C. Finch. 12
Grand total 60

FRIDAY 9

Row at 5 & went down
on the marsh: good flight
till 12. Shot all the afternoon
but flight poor.
W.B.

Summer	31
Grass bird	1
Sol. Sandp.	1
Esq. bird	1
	34
C. Carter	25
D. C. Finch	8
Grand total	67

SATURDAY, AUGUST 10, 1872.

SUNDAY 11

MONDAY, AUGUST 12, 1872.

W.B. Brown 3 (Red grown) Woodcock
Green bird 3 Dench 1 Wht. Dun 1
Total 4

TUESDAY 13

W. B. White 1 A.B. Smith 2
Yellow leg 2 total 5

D. E. Branch 3 birds

C. Foster 3 bird

Grand total 11

W.B. Yellow leg. 1 R.B. Tringa 1
Cross. bird 1 Total 3

W. B. Yellow legs 15
Cross bird 3
Tringa Sphinopus 1
Total 19

C. Carter Yellow legs 3
Plover 2
Snipe 2
1
Grand Total 26

Good flight in P.M.

Yellow legs. mistook heard one

C. Carter Yellow leg 1 R
" cross bird 1
W. B. Yellow leg 3
" cross bird 1
Grand Total 4

C. C. left Carter left to day.

Did not get out at all
to day.

Went to the great pine
of the season at the Sea Side
Pond donned the "Garments"
with Will Lee & Wilson &
found any amount of
good duck.

SUNDAY, AUGUST 18, 1872.

MONDAY 19

Yellow Eye 3
Grass Bird 1
4

TUESDAY, AUGUST 20, 1872.

WEDNESDAY 21

THURSDAY, AUGUST 22, 1872.

FRIDAY 23

Partridge 1
Pg. [illegible] 1
[illegible] 1
Nesbit Huron 2
Baker " 1

SATURDAY, AUGUST 24, 1872.

R. Deane & J. Brand
came this evening.

SUNDAY 25

MONDAY, AUGUST 26, 1872.

TUESDAY 27

WEDNESDAY, AUGUST 28, 1872.

THURSDAY 29

FRIDAY, AUGUST 30, 1872.

SATURDAY 31

SUNDAY, SEPTEMBER 1, 1872.

MONDAY 2

TUESDAY, SEPTEMBER 3, 1872.

2

1

1

WEDNESDAY 4

1

5

THURSDAY, SEPTEMBER 5, 1872.

Shot a hawk that out in the morning

FRIDAY 6

SATURDAY, SEPTEMBER 7, 1872.

SUNDAY 8

MONDAY, SEPTEMBER 9, 1872.

2 1 1

3

1 4

10 1

TUESDAY 10

1 1 1

1 2 3 1

WEDNESDAY, SEPTEMBER 11, 1872.

THURSDAY 12

FRIDAY, SEPTEMBER 13, 1872.

10

SATURDAY 14

SUNDAY, SEPTEMBER 15, 1872.

MONDAY 16

TUESDAY, SEPTEMBER 17, 1872.

WEDNESDAY 18

Char & Jany By turns.
Jn & H. Rat for
Brown Bit did not
Friday. Left for Adams
on the Hog at 1 P.M.
and arrived at the Forks
at 6. I shot on the road
down Six Ruffed & Pr.
Wah Bonasa grouse, my
first. Left the Forks at 8
P.M. drove all night
Sharp grouse 1
Ruffed grouse 6

[illegible]

[illegible]

MONDAY, SEPTEMBER 23, 1872.

[illegible] 6 [illegible]
to 6 [illegible]
[illegible] the field
Lond. ex. Mata

TUESDAY 24

Went out with Jas.
Starting at 6 ½ getting
in by 7.30. Both dogs
"Shot" [illegible] worked. Very
well and killed both
birds.

Turdus [illegible] 6 [illegible]
Woodcock 2

WEDNESDAY, SEPTEMBER 25, 1872.

[illegible] to Marshfield
in the Mill Tabing both
dogs. Killed [illegible] by
Shaw & Hurlock & Knight
[illegible], Shot worked
[illegible], well

THURSDAY 26

Jas & W. M. Drove up
into Waltham Tabing
both dogs and Hawkins
their birds, all in which
I killed five from which
"Shot" acted very
admirably to retrieve the
[illegible] "Covering" [illegible]
dead at the [illegible]
the ground. Part [illegible]
[illegible] good flights.
Woodcock
Very much
[illegible]

FRIDAY, SEPTEMBER 27, 1872.

SATURDAY 28

SUNDAY, SEPTEMBER 29, 1872.

MONDAY 30

Hatteras Inlet Light Ho.
Wood duck 1
Coot (Fulica) 1 Ca. Rail 1 N. Jersey Rail 4 Kingfisher 1
Mink 1 Com. Rail 2

TUESDAY, OCTOBER 1, 1872.

[illegible]

WEDNESDAY 2

[illegible]

THURSDAY, OCTOBER 3, 1872.

[illegible]

FRIDAY 4

[illegible]

SATURDAY, OCTOBER 5, 1872.

SUNDAY 6

MONDAY, OCTOBER 7, 1872.

Started for Concord [illegible]
with Lewis, taking Short
Concord in Maryland.
Nothing to eat all night
& it rained hard

Verbit started for N. B.
this morning

Gray Squirrel 1 Quail 1
[illegible] French 2

TUESDAY 8

Yellow leg 1 Coot 1
Quail 1

WEDNESDAY, OCTOBER 9, 1872.

Dumb bird 3

THURSDAY 10

Dumb bird 1
Esq. Irwin 8

FRIDAY, OCTOBER 11, 1872.

Snipe 10

SATURDAY 12

Snipe 1 Coot Antelope 1

Smiths 3

Baptist 2 mail 2

W B Parkridge 2
2 mail 7

Methodist 2 mail 4
Parkridge 1
Total 16

Baptist 2 mail 1

2 mail 5
Parkridge 3

2 mail 3
12

THURSDAY, OCTOBER 17, 1872.

Quail 5
Partridge 3

Quail 5

14

FRIDAY 18

140

9 3

4

16

SATURDAY, OCTOBER 19, 1872.

Lt Capt. Baxters at
6.30 & reached Boston
by 10.30
In P.M. went up
on ~~the~~ Richmond meadows
~~to~~ shot a Snipe & Quail
~~the~~ Sup. who worked
well.

Snipe 1

SUNDAY 20

MONDAY, OCTOBER 21, 1872.

For P. M. drove up
to the Woodcock Run
taking the Imp. Fired
twice at grouse, heard a
quail chirping & saw
a cock just at dusk

Snipe 2

TUESDAY 22

Snipe 9.
Quail 3
Pinnated 1

WEDNESDAY, OCTOBER 23, 1872.

THURSDAY 24

Snipe 1

FRIDAY, OCTOBER 25, 1872.

Walked up to Belmont
took the 11 train to Concord.
Beat Geo Hall & the school
house ground & started
two Cock in each killing
five of them & possibly the
fourth. Took Shot &
walked home to N.

Woodcock 3 Quail 2

SATURDAY 26

SUNDAY, OCTOBER 27, 1872.

MONDAY 28

TUESDAY, OCTOBER 20, 1872.

WEDNESDAY 30

THURSDAY, OCTOBER 31, 1872.

FRIDAY, NOVEMBER 1

SATURDAY, NOVEMBER 2, 1872.

W B Woodcock 9 8 1/2 1/2

SUNDAY 3

MONDAY, NOVEMBER 4, 1872.

TUESDAY 5

Off grouse 1

WEDNESDAY, NOVEMBER 6, 1872.

THURSDAY 7

FRIDAY, NOVEMBER 8, 1872.

Jas P. M. went up into the pine woods to hunting deer. He struck a bear in the pond & I made a shot that did the deer. We then killed four more deer without waiting.

Dull 7

SATURDAY 9

Spent the day in Waltham with Mr. J. Taylor & the two Misses Cook Shot who worked very well.

Total bag of party Deer 13 Bucks,
Goose 1 Hawk 2
W. D. Deer 4 Woodcock 1
Rabbit 1

SUNDAY, NOVEMBER 10, 1872.

MONDAY 11

TUESDAY, NOVEMBER 12, 1872.

WEDNESDAY 13

Started after breakfast
Taking Lord & walked
up as far as d'Ethons
when I sent them
home & continued alone.
till dusk.

Sent (Total) 6

Dined 4 Supped 1

Went up to Concord this morning and ~~finished~~ spent the afternoon with C. Finch. Played "Pan Quadrille" and two Arias. By the time I got back to P. M. Station about 20 minutes & then brought the Patriots Judge,

W. B. Smith 3 (- ½)

block till 7 a lovely day. Took the 8.40 horse car to Watertown Library Dept. Did not get back till 1 P. M. return which time I took out ~~two~~ three books & sitting there into good shape had a good visit. Found 21 letters & ~~one~~ only two did with my

Read 18

MONDAY, NOVEMBER 18, 1872.

TUESDAY 19

WEDNESDAY, NOVEMBER 20, 1872.

THURSDAY 21

FRIDAY, NOVEMBER 22, 1872.

SATURDAY 23

Sick the 9.25 car
Waitstown visiting Shot,
Struck a very black
the appointed" I killed
my pointing Dog nearly
all day, The Ju p
a bird [illegible]

Duck 6

SUNDAY, NOVEMBER 24, 1872.

MONDAY 25

TUESDAY, NOVEMBER 26, 1872.

WEDNESDAY 27

Took the 4 P. M. train
for the Cape Fishing Shot.

THURSDAY, NOVEMBER 28, 1872.

W. B. Quail 7 Partridges
P. C. H. " 5

Wind, coronata Dem Albert 80
Pod. Grammicus, " " " 20

FRIDAY 29

W. B. Quail 6 Partridge 2
P. C. H. " 3 " 1

SATURDAY, NOVEMBER 30, 1872.

SUNDAY, DECEMBER 1

MONDAY, DECEMBER 2, 1872.

TUESDAY 3

Started at 10 o'clock
Shot. Struck a duck &
12 birds on the flat. Half the
day was at the Belmont
Followed them all day.

2 mail 5

WEDNESDAY, DECEMBER 4, 1872.

THURSDAY 5

FRIDAY, DECEMBER 6, 1872.

SATURDAY 7

SUNDAY, DECEMBER 8, 1872.

MONDAY 9

TUESDAY, DECEMBER 10, 1872.

WEDNESDAY 11

1 Team Quail 1
1 Partridge 1
W. C. Quail 3 1
Partridge 1

THURSDAY, DECEMBER 12, 1872.

FRIDAY 13

SATURDAY, DECEMBER 14, 1872.

SUNDAY 15

MONDAY, DECEMBER 16, 1872.

TUESDAY 17

WEDNESDAY, DECEMBER 18, 1872.

THURSDAY 19

FRIDAY, DECEMBER 20, 1872.

H. Hughes gift Book
from his Utah trip 6 days.

SATURDAY 21

SUNDAY, DECEMBER 22, 1872.

MONDAY 23

TUESDAY, DECEMBER 24, 1872.

WEDNESDAY 25

Légion Christ en Pèlerinage

THURSDAY, DECEMBER 26, 1872.

FRIDAY 27

SATURDAY, DECEMBER 28, 1872.

SUNDAY 29

Dear wife to H. Hunt
with J. Dean & Hunt
to day with R.L.

MONDAY, DECEMBER 30, 1872.

TUESDAY 31

Ship. Virginia Capt
Lob to Newton, the
only time Lob water.
Below 15 in. deep.

Sciuridae of Bos. Soc. Nat. Hist.

Sciurus Gireandi	1	
" Sclatiri	3	♂ ♀
" Gilvis	7	♂ ♀
" Griseimanus	5	♂ ♀ young
" Mysomulus	3	
" tibialis	1	
" Baltimori	about 10	(Guatemala)
" Aberrans	" 8	♂ ♀ young
" ———	2	
" Vectoralis	2	♀
" Variegatoides	5	♂ ♀ young
Castoreus hagmorhens	1	
Sciurus ———	1	
" ———	1	
Sanio		
Sciurus ———		

21 [illegible]

Use of Guns used with Shot"

Here (or with) — to come
Mark or raised hand - down charge
Dead to seek dead
Go on or Don't check - to advance)
Hold up to rise from charge
Wrong to stop, stopping signal.
Fetch Fetch it in!
Give To give up what you have.
Heel Come to heel.

Birds sent to Scott

Nov. 6	6
April	7
" 11.	12

Picture of Bos. Soc. Nat. Hist (Mus)

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
Jan. 2	[illegible]		
"	Received on O'Sullivan's property X 4 @ 25 =		50
Jan. 4	Joseph. Blanchard X 4		36
" 10	[illegible]		50
" "	Cumulative Cycads		50
" 16	Sonchus oleraceus (Milkthistle) 0		20
" 25	Aldrovanda vesiculosa Dig. & Sq. @ 25		50
" 26	M. Jordan & Co. Sons. Calceolaria @ 25		50
" "	Head of Iron. Swan antelopes		0.75
" 30	Dr. J. Esp. Cupido @ 25 & 50 Bodies Lathusa		25
" 31	V. H. Teddy duck		25
Feb. 5	[illegible]		50
" 6	Rd. J. Nasturtiums		50
" 13	Cereus regius 6		25
" 23	Aeschynanthus pulcher 6		25
Mar. 1	Hedychium Gardnerianum 6		1.25
" 6	Maranta Arun. 6 & 0 @ 37½		75
" "	Dahlia acuta 6 & 0 @ 37½		75
" 9	Stapelia asperula X 6		25
" 12	Tulip mixed 6 & 0 @ 30		60
" 14	Oxalis rubida 6 & 0 @ 12½		25
" 19	Bernida Gamblii		16
" 17	Aloes Boscheas 6 & 0 @ 3½		75
" 20	Lucens cizentatus 0		25
" 22	Bertio Boreali 0		50
Apr 12	Chamaelaurus Huttoni 6		30
" 18	Dahl. acuta 6 & 0 @ 30		60
" 15	Yucca disc. 1 6		25
" 24	Stat. elypsata 1 6 X		37
May 1	Echinocactus rub. 2 6 & Tulip @		1.00
			14.15

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
	Bal. brought on		14. 15
May 20	20 Papa & Sandlingod		1,25
" 25	3 Trifolium alpinum 6 & 3 @		20
July 12	Nic. Juncea. 6 @ 12½		62
Sept. 28	Brachy. Crassinella		25
" 25	Stapelia Harrisii 1		05
[illegible]	[illegible]		[illegible]

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.		
FEB.		
MAR.		
APR.		
MAY.		
JUNE.		
JULY.		
AUG.		
SEPT.		
OCT.		
NOV.		
DEC.		

MEMORANDA.

Date.		Dollars.	Cts.
Jan. 2	Dixon powder flask at Sorel	4	00
" 4	Colored glasses of Crystal		.70
" 4	Excelsior Shot Bag 2 lbs		40
" 6	1000 labelling Tags	1	00
" 10	Wash basket (Sorel)	1	20
" 15	Shares of L. Lacolle Falls	9	58
" 14	Engraving on Canes	3	00
" 16	Browning Milligan. loader	6	00
" "	Working Barrels " "		50
" "	Filing Upstate of Cleaning gun for H. Bardeck		25
" 17	Cartridges & finishes, Wad	5	00
" 24	Charge id 4 1/2 Shot Cartridges 50 lb	1	25
" 26	To Flannel for making		3.15
" 30	Gauges "Marchant Loaders"	1	60
" "	Mark Working Cyl		75
Feb.	Carving Stock of Rifle		30
" 6	Six large Japs Boxes for Ammun	4	2.40
" 6	Photographs of Audubon		2.50
" 5	1000 No. 12 Brass Object		1.80
" 17	Rim Firewood for Milligan		1.80
" "	" Tubes "		1.00
" 16	Soc tag. for birds skins printed Sent		2.60
" 23	Canvas Cartridge Bids		50
Mar. 4	Rubber Shooting Boots	5	50
" 11	Shooting Coat	8	50
" 14	2000 tags for small Birds	3	50
" 16	Gilt Tags, Polar Bear 20.00 Arctic Eider Duck 3.50		
" 22	Pr. Leaders Sf Cartridges	16	50

MEMORANDA.

Date.		Dollars.	Cts.
April 28	Dog whistle at Reids		35
" "	Blacklead. tube. "		3
Pread. for Snipe		4	80
May 27	At Reids Gutta percha rod	4.	00
" "	" " 50 yds. Sunpan silk line	1.	50
" "	Cleaning rods	2	50
" "	2 gut leads 3 yds each @ 2	1.	25
" 17	Pigeon shoot	4	90
	Cleaning rod made by Pratt		50
July 10	6 Handkerchiefs with name	2.	75
" "	Glove	2	25
" "	Socks	1	75
" "	Braces	1	50
" "	3 Neck ties	3	00
" "	Suit clothes at C. & Tuttle	50	00
Oct 1	Wardle case of Pattisons	10.	00
" 4	Dog collar for shot	1	75
" 11	" " " Lead	2.	17
Nov. 18	Enfield Cott at Reids	3	50
Dec. 5	6 ½ lbs powder @	2.	25
"	Gun case of Jones	17.	
"	Cases " at Rich Pitmans	1.	50
"	40 nickel p. cartridges	6	80
"	Suit of clothes Coll & Tuttle	62.	
" 25	Pigeon shoot	3.	79

MEMORANDA.

Date.	Dollars.	Cts.

MEMORANDA.

Date.		Dollars.	Cts.

MEMORANDA.

Date.		Dollars.	Cts.
Sept. 28	B. S. & Co	6	12
" "	By Cash	112	50
" "	" "	25	00
" 29	" "	25	00
Oct. 1	" "	10	00
" 4	" "	10	00
" 11	" "	20	00
" 12	" "	5	00
" 24	" "	10	00
Nov. 19	" "	15	00
" 27	" "	10	00
		242	00
Dec. 7	" "	25	00
" 16	" "	20	
		287	
" 23	" "	10	
		27	

MEMORANDA.

Date: Dollars. Cts

Aug 28 Rec'd

Aug 31

EXCHANGES SOLICITED.

1	54	107	160	213	266	319	372	425	478	531	584	637	690
2	55	108	161	214	267	320	373	426	479	532	585	638	691
3	56	109	162	215	268	321	374	427	480	233	586	639	692
4	57	110	163	216	269	322	375	428	481	534	587	640	693
5	58	111	164	217	270	323	376	429	482	535	588	641	694
6	59	112	165	218	271	324	377	430	483	536	589	642	695
7	60	113	166	219	272	325	378	451	484	537	590	643	696
8	61	114	167	220	273	326	379	432	485	538	591	644	697
9	62	115	168	221	274	327	380	433	486	539	592	645	698
10	63	116	169	222	275	328	381	434	487	540	593	646	699
11	64	117	170	223	276	329	382	435	488	541	594	647	700
12	65	118	171	224	277	330	383	436	489	542	595	648	701
13	66	119	172	225	278	331	384	437	490	543	596	649	702
14	67	120	173	226	279	332	385	438	491	544	597	650	703
15	68	121	174	227	280	333	386	439	492	545	598	651	704
16	69	122	175	228	281	334	387	440	493	546	599	652	705
17	70	123	176	229	282	335	388	441	494	547	600	653	706
18	71	124	177	230	283	336	389	442	495	548	601	654	707
19	72	125	178	231	284	337	390	443	496	549	602	655	708
20	73	126	179	232	285	338	391	444	497	550	603	656	709
21	74	127	180	233	286	339	392	445	498	551	604	657	710
22	75	128	181	234	287	340	393	446	499	552	605	658	711
23	76	129	182	235	288	341	394	447	500	553	606	659	712
24	77	130	183	236	289	342	395	448	501	554	607	660	713
25	78	131	184	237	290	343	396	449	502	555	608	661	714
26	79	132	185	238	291	344	397	450	503	556	609	662	715
27	80	133	186	239	292	345	398	451	504	557	610	663	716
28	81	134	187	240	293	346	399	452	505	558	611	664	717
29	82	135	188	241	294	347	400	453	506	559	612	665	718
30	83	136	189	242	295	348	401	454	507	560	613	666	719
31	84	137	190	243	296	349	402	455	508	561	614	667	720
32	85	138	191	244	297	350	403	456	509	562	615	668	721
33	86	139	192	245	298	351	404	457	510	563	616	669	722
34	87	140	193	246	299	352	405	458	511	564	617	670	723
35	88	141	194	247	300	353	406	459	512	565	618	671	724
36	89	142	195	248	301	354	407	460	513	566	619	672	725
37	90	143	196	249	302	355	408	461	514	567	620	673	726
38	91	144	197	250	303	356	409	462	515	568	621	674	727
39	92	145	198	251	304	357	410	463	516	569	622	675	728
40	93	146	199	252	305	358	411	464	517	570	623	676	729
41	94	147	200	253	306	359	412	465	518	571	624	677	730
42	95	148	201	254	307	360	413	466	519	572	625	678	731
43	96	149	202	255	308	361	414	467	520	573	626	679	732
44	97	150	203	256	309	362	415	468	521	574	627	680	733
45	98	151	204	257	310	363	416	469	522	575	628	681	734
46	99	152	205	258	311	364	417	470	523	576	629	682	735
47	100	153	206	259	312	365	418	471	524	577	630	683	736
48	101	154	207	260	313	366	419	472	225	578	631	684	737
49	102	155	208	261	314	367	420	473	526	579	632	685	738
50	103	156	209	262	315	368	421	474	527	580	633	686	
51	104	157	210	263	316	369	422	475	528	581	634	687	
52	105	158	211	264	317	370	423	476	529	582	635	688	
53	106	159	212	265	318	371	424	477	530	583	636	689	

The Moose in Maine.

Moose are becoming more and more scarce year by year. Formerly great numbers were killed, and it became necessary to protect them by special legislative enactment. The present statute forbids the hunting or killing of moose between the 15th of March and the 1st day of October, under the penalty of forty dollars for each moose killed. The average number captured during the past six years is estimated by woodmen to be about one hundred per year, which are killed chiefly on the Aroostook, Allegash and Penobscot rivers.

Numerous attempts have been made to domesticate them for use, but, so far as we can learn, they have been only partially successful. In one of our previous volumes an instance was recorded where a moose was kept for several months in a stable with a horse, yet when taken into the street he was terribly frightened, and at times most unmanageable. They have, however, been so far domesticated as to be harnessed to sleighs for purpose of travel. Their gait is a long stride or trot, a movement effected with apparently little effort, by which they get over the ground with wonderful speed. They never gallop or leap. Although remarkably fleet their motion is rather heavy, and when travelling the large antlers lay back upon the shoulders, with the head and nose elevated and extended. We have seen vague and uncertain statements as to their travelling capacity, but do not feel like repeating them.

In winter moose frequent high regions, wooded hillsides and mountains, assembling together in large numbers, when they are said to "yard." An abundant hard-wood growth furnishes them with food, as they live mainly on the twigs, branches and bark of the trees.—[*Maine Farmer.*

Meerschaum.

SEA VIEW HOUSE,

RYE BEACH, N. H.

G. G. LOUGEE, - - - - - Proprietor.

VIA EASTERN RAILROAD, RYE-BEACH STATION.

W. Gardner
Van Bramdollar v Dorothy
Pueblo
Colorado territory

Sirkia hiemalis Linn. near Plainfield N. J. a flock of 20 seen by W. A. Scott; he also obtained large flocks of Junco hyemalis.

3683 Phil. per.
Cistothorus aui. April 18 '71
334 L. alar 430. Wing
151, Gape 29. tail 188
Jan. 34 Mid toe 26. claw 35

360 L. 454 A. E. 160 wing
tail 192, tar. 34, Gape 33
Secretario fame Vassouras
Province Rio de Janeiro

Barbets
gum 1:2 gracilis
2 drops oil cloves

91½ to 92
Harry Bailey 25 Penn. Square
Wimsday night
H. P. Attinson
Chariton, Loucas Co.
Iowa

No. of Tonto Cañon 6437 ft
Pl. erythrocephalus by Mr. Lea
Last day Apr. 42
Gardner Hurlfano Co
Col.

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